

catalog "H"

**PRECISION
BALANCES
and WEIGHTS
for SCIENCE
EDUCATION
and INDUSTRY**

*When Quality
is in the Balance!*



OHAUS SCALE CORPORATION
1050 COMMERCE AVENUE • UNION, N. J.
07083

Catalog "H"

PRECISION
BALANCES
and WEIGHTS
for SCIENCE
EDUCATION
and INDUSTRY



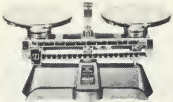
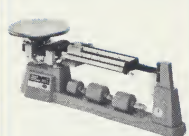
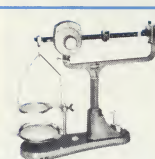
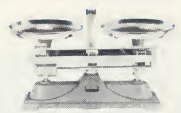
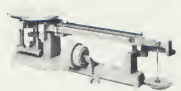
When Quality is in the Balance!

OHAUS SCALE CORPORATION

1050 COMMERCE AVENUE • UNION, NEW JERSEY

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Prices and specifications given in this catalog are those in effect at the time of printing and are subject to change without notice. All prices are U.S.A. dollars, F.O.B., Union, N. J.

	2-3
HARVARD TRIP BALANCES	
	4-5
HEAVY DUTY LABORATORY & DEC-O-GRAM BALANCES	
	6-7
TRIPLE BEAM BALANCES	
	8-9
LOW FORM DIAL BALANCES	
	10-11
DIAL-O-GRAM 310 BALANCE	
	12-13
CENT-O-GRAM BALANCE	
	14-15
AUTOGRAM BALANCE	
	16-17
INDUSTRIAL BALANCES	
	18-19
EVEN ARM SOLUTION & HEAVY DUTY SOLUTION BALANCES	
	20-21
MOISTURE BALANCES	
	22-23
SPRING BALANCES	
	24-29
WEIGHTS • SETS • ACCESSORIES	
SPECIAL WEIGHTS	30
CONVERSION CHART	31-32

HARVARD TRIP BALANCES •

SPECIFICATIONS

WEIGHING STANDARD	CAPACITY	BEAM GRADUATIONS	SENSITIVITY	PLATFORM MODEL AND PRICE		
				S.S. PLATE*	S.S. PAN	S.S. SCOOP
METRIC	SINGLE BEAM 2 kg	10 x 0.1 g	0.1 g	No. 1450S	No. 1410	No. 1420
				\$21.50	\$26.50	\$31.50
	DOUBLE BEAM 2 kg	10 x 0.1 g 200 x 10 g	0.1 g	No. 1550S	No. 1510	No. 1520
				\$24.00	\$29.00	\$34.00
	WITH 160 G TARE CAPACITY 2 kg	10 x 0.1 g 200 x 10 g	0.1 g	No. 1560S		
				\$28.00		
COMBINATION METRIC AND AVOIRDUPOIS	5 lb or 2 kg	{ 1 oz x 0.01 oz } { 28.4 g x 0.2 g }	0.01 oz or 0.1 g	No. 1454S		
				\$25.00		
AVOIRDUPOIS	SINGLE BEAM 5 lb	{ 1 oz x 1/64 oz } { 1 oz x 1/100 oz }	0.01 oz	No. 1451S	No. 1411	No. 1421
				\$25.00	\$30.00	\$35.00
	DOUBLE BEAM WITH 6 OZ. TARE CAPACITY 5 lb	{ 1 oz x 1/64 oz } { 1 oz x 1/100 oz } 8 oz x 1 oz	0.01 oz	No. 1561S		
				\$35.00		
GRAIN	DOUBLE BEAM WITH 2625 GN TARE CAPACITY 35000 gn	2400 x 120 gn 120 x 2 gn	2 gn	No. 1563S		
				\$35.00		

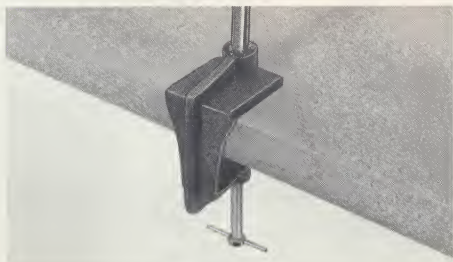
*Also available with white porcelain 6" diameter plates. Model number same without suffix "S".
List price same as with S.S. Plate.
All Ohaus Harvard Trip Balances conform to CCSSO specifications Purchase Guide No. 0225.

ACCESSORIES:



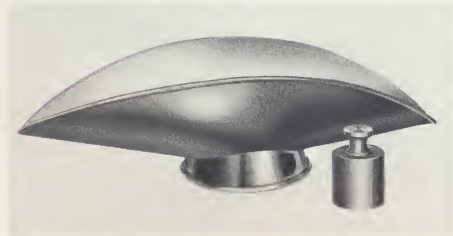
BALANCE COVER: Model No. 106—This vinyl metallic cover measures 16" x 6½" x 7".

List Price\$1.25



CLAMP AND ROD SUPPORT: Model No. 108—Rod fits hole in base of balance for specific gravity weighing. Clamps to table.

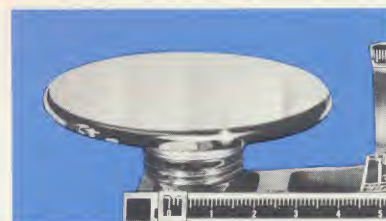
List Price\$3.00



SCOOP & COUNTERWEIGHT: Model No. 107—12" x 6" x 2¾" polished stainless steel scoop with foot. Brass counterweight included.

List Price\$10.00

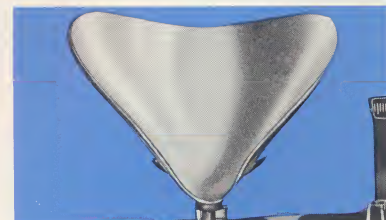
CHOOSE ONE OF THREE CONVENIENT PLATFORMS



Stainless Steel Plate—6" diameter.

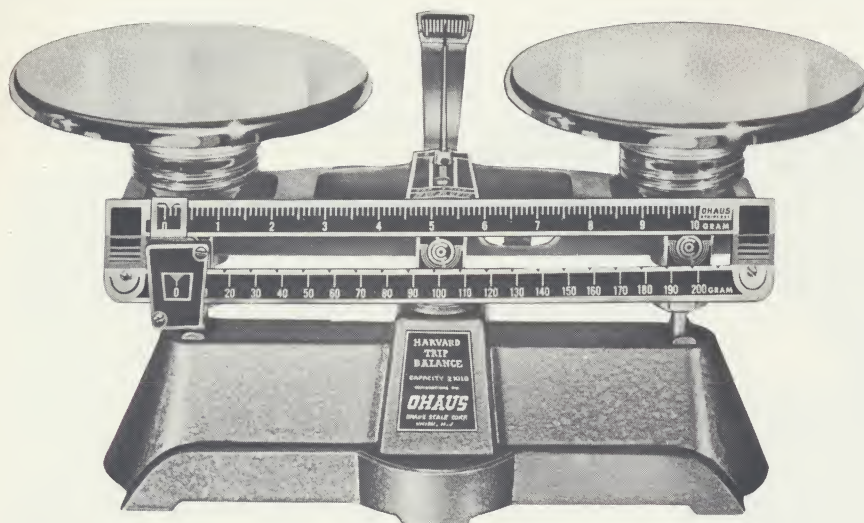


Removable Stainless Steel Pan—6" diameter x ¾" deep.



Removable Stainless Steel Scoop—12" x 6" x 2¾" deep.

• HARVARD TRIP BALANCES



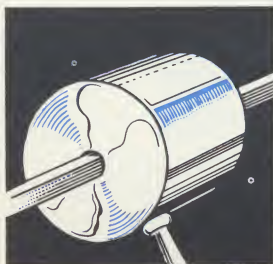
Versatility and quality are indeed apparent in the Ohaus line of Harvard Trip Balances. A choice of three platforms in any weighing standard makes their use virtually limitless. These latest model Ohaus Harvard Trip Balances incorporate outstanding features gained in over 55 years of experience in manufacturing laboratory balances. In addition to the features shown at right the following other fine features are also incorporated:

- PATENTED SELF-LOCKING DUST-PROOF BEARING COVERS
- PATENTED THREADED HUB QUICK-CHANGE SCALE PLATES
- EACH BALANCE COMPLETELY EQUIPPED FOR SPECIFIC GRAVITY WEIGHINGS

See Weight Section, pages 24 thru 29 for weights which can be used with these balances.

READ VALUES DIRECT . . . WITH CONVENIENT UNDIVIDED TARE

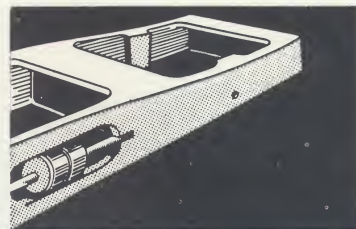
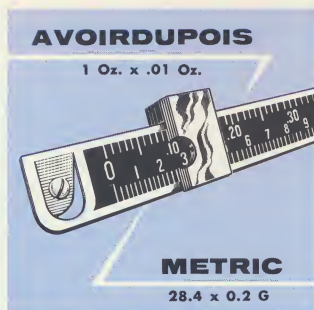
Makes possible direct reading of net values of materials weighed in containers. The handle extending under the beams makes movement of spring action tare poise very easy. Tare capacity 160 grams.



COMBINED METRIC AND AVOIRDUPOIS SINGLE BEAM IS AVAILABLE AS MODEL 1454-S

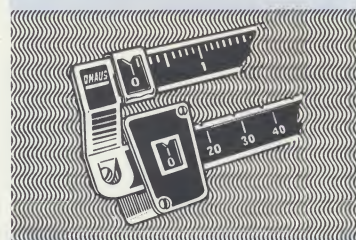
This new single beam balance has a beam graduated in both metric and avoirdupois weighing standards. The appropriate Ohaus model for No. 0225 as specified in Council of Chief State School Officers "Purchase Guide." Metric graduations are 28.4 gram by 0.2 gram and the avoirdupois graduations are 1 ounce by 0.01 ounce. Base is equipped for use in specific gravity weighing.

List price \$25.00



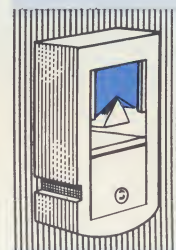
BOX END BEAM—High strength die cast aluminum alloy with ends cross braced.

RECESSED BALANCE ADJUSTMENT NUTS—Convenient—Eliminates possibility of loss.



SLIDING TYPE POISE—with Center Pointed Indicator Panel—Eliminates secondary beam oscillations plus insuring rapid and correct readings.

ANGLE VIEW RELIEF ETCHED BEAMS OF STAINLESS STEEL insure clear sharp easy reading over life of the balance.



SELF-ALIGNING AGATE BEARINGS AND PRECISION GROUND STEEL KNIVES

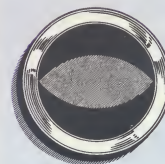
These bearings are free to align themselves with beam knife edges at all times.

Specially heat treated steel knives for maximum hardness at wearing surfaces.



ANGLE VIEW DIAL

Affords easy reading from any position.



ONLY OHAUS HAS EXCLUSIVE PATENTED ELLIPTICAL CHECK PINS

Each check pin functions as a miniature knife-edge, reducing friction and increasing accuracy. This, together with many other fine features, is your assurance that with Ohaus . . .

Quality is in the Balance!

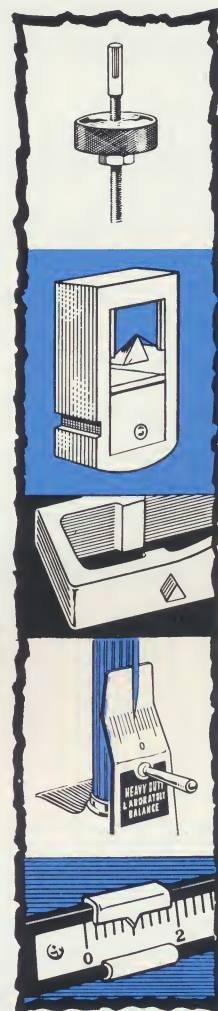
HEAVY DUTY LABORATORY BALANCE •



MODEL 1600

CAPACITY
2 Kilogram

SENSITIVITY
50 Milligram



GRAVITY
ADJUSTMENT
NUT

SELF-
ALIGNING
BEARINGS

BOX END
BEAM
CONSTRUCTION

DIALPLATE

SLIDING
TYPE
POISE with
Center
Indicator

This overhead beam type balance combines large capacity (2 Kg) and size with high sensitivity (50 Mg) to make it ideal for many laboratory applications, especially in physics.

An adjustable platform and suspension hook are provided for specific gravity determinations on solids. The large stainless steel pans (6" dia. x $\frac{3}{4}$ " deep) and wide pan bows further increase the utility of this balance.

The Gravity Adjustment Nut allows for increasing or decreasing sensitivity.

4 The base is especially designed to provide

maximum stability and is also equipped with spirit level and adjustable leveling feet.

A relief etched stainless steel beam with center indicating sliding poise provides for readings from 0.1 gram to 10 gram.

Beam hangers utilize patented self-aligning agate bearings protected from foreign material by self-locking bearing covers.

Beam oscillations can be damped by moving dialplate against the needle to speed readings.

List price \$42.50.

BALANCE COVER—Silver metallic vinyl plastic Model 136.

List price\$2.00

Weights for use with this balance can be found on pages 24 thru 29.

• DEC-O-GRAM BALANCE

MODEL 3600 • 3601

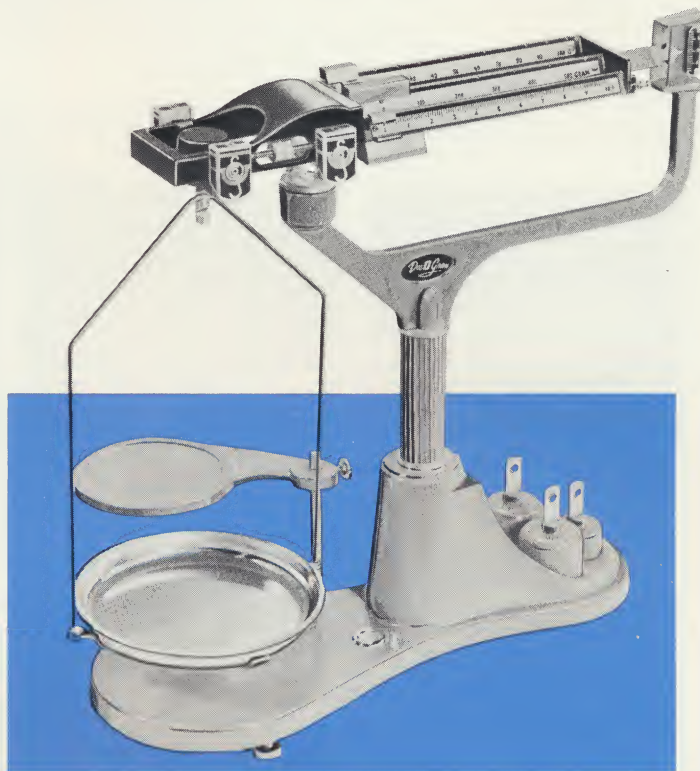
Capacity 2610 GRAM • Sensitivity .05 GRAM

This latest Ohaus overhead triple beam balance has high capacity and sturdy construction. The 2610 gram capacity, highest of any balance in its class, is attained by the use of three attachment weights which store in the base. All weights are included—no extra weights to buy.

Stainless steel pan bow, graduated beams and removable pan (6" diameter x 3/4" deep) plus epoxy finish on other parts assures maximum corrosion protection.

Adjustable platform and double hook for specific gravity determinations along with other features shown below add to the versatility and superior performance of this balance.

Available in either metric or avoirdupois weighing standards.



SPECIFICATIONS

MODEL	BEAM CALIBRATIONS			TOTAL CAP.	SENSITIVITY	LIST PRICE WITH ATT. WTS.
	FRONT	REAR	CENTER			
Model 3600 (Metric)	10 x 0.1 gram	100 x 10 gram	500 x 100 gram	2610 gram	.05 gram	\$42.00
Model 3601 (Avoirdupois)	1 x 1/64 oz	1 x .01 oz	16 x 1 oz	5 lbs 2 oz	.005 oz	\$48.00

BALANCE COVER—Model 136, silver metallic vinyl plastic for Dec-O-Gram Balances.

List price \$2.00

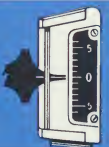
SPECIFIC GRAVITY DETERMINATION

Balance is provided with a platform which can be swung directly under the weighing hook. The specimen can then be suspended from a fine wire or thread from the lower section of the hook into a beaker or other suitable container for water or other liquids.

features



DUST PROOF SELF LOCKING BEARING COVERS—These covers are so designed that they retain a hardened steel thrust plate against which the pointed end of the knife edge can move freely.



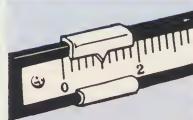
GRADUATED END READING DEVICE—The pointed beam registers end-wise against a graduated dial thereby eliminating parallax errors.



SELF-ALIGNING AGATE BEARINGS—Long wearing bearings are so mounted as to be free and self-aligning at all times. Knives are precision ground from special steel and treated to insure maximum corrosion protection.



TIERED, STAINLESS STEEL GRADUATED BEAMS—Make reading easier over the life of the balance.



SLIDING TYPE POISE WITH CENTER INDICATING PANEL—Insures rapid and correct reading, eliminates secondary beam oscillations common with hanging type poise.



LEVEL AND LEVELING FEET—Round spirit level and two adjustable feet assure accuracy on any working surface.



SELF STORING ATTACHMENT WEIGHTS—Supplied with balance for weighing to capacity. These weights are nested into the base convenient to the attachment pivots on the right hand end of the beam.

LOW FORM TRIPLE BEAM BALANCES •

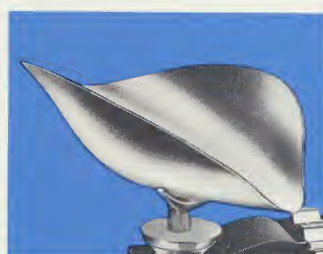
CHOOSE ONE OF FOUR CONVENIENT PLATFORMS!



Stainless Steel Plate—6" diameter



Removable Stainless Steel Pan—6" diameter x 3/4" deep



Removable Stainless Steel Scoop—12" x 6" x 2 3/4" deep

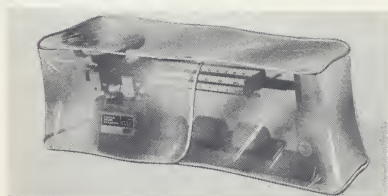


Animal Subject Box—9" diameter x 5" deep

SPECIFICATIONS

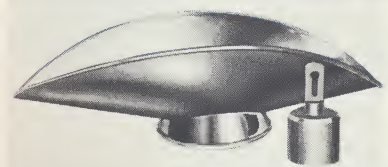
WEIGHING STANDARD	BEAM CALIBRATIONS			TOTAL CAP. W/ATT. WTS.	CAP. W/O ATT. WTS.	SENSITIVITY	PLATFORM, MODEL AND PRICE			
	FRONT	REAR	CENTER				SS PLATE	SS PAN	SS SCOOP	SUBJECT BOX
Metric	10 x 0.1 g	100 x 10 g	500 x 100 g	2610 g	610 g	0.1 g	Model No. 750S \$24.75	Model No. 710 \$29.75	Model No. 720 \$34.75	Model No. 730 \$39.75
Metric with 200 g Tare	10 x 0.1 g	100 x 10 g	500 x 100 g	2610 g	610 g	0.1 g	Model No. 760 \$28.75	Model No. 710T \$33.75		
Avoirdupois	1 x 1/4 oz.	1 x 0.01 oz.	16 x 1 oz.	5 lbs. 2 oz.	1 lb. 2 oz.	0.01 oz.	Model No. 850 \$29.75	Model No. 810 \$34.75	Model No. 820 \$39.75	Model No. 830 \$44.75
Avoirdupois with 8 oz. Tare	1 x 1/4 oz.	1 x 0.01 oz.	16 x 1 oz.	5 lbs. 2 oz.	1 lb. 2 oz.	0.01 oz.	Model No. 860 \$34.75	Model No. 810T \$39.75		

ACCESSORIES



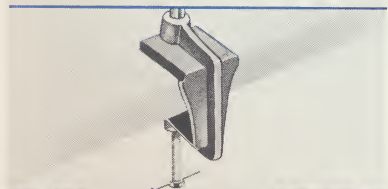
MODEL 706 BALANCE COVER
—This vinyl metallic balance cover measures 18" x 6 1/2" x 7" and is specially designed for use with these models.

List Price.....\$1.25



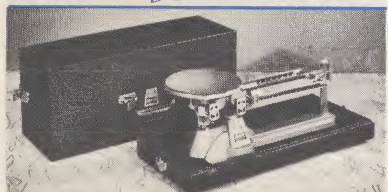
MODEL 703 SCOOP & COUNTERWEIGHT—Scoop is stainless steel with foot and measures 12" x 6" x 2 3/4". Counterweight is aluminum and attaches to suspension pivot.

List Price.....\$8.00



MODEL 108 CLAMP & ROD SUPPORT—For use in specific gravity determinations. Rod fits the hole provided under the base of the balance and clamps rigidly to table, bench or desk.

List Price.....\$3.00



MODEL 709 CARRYING CASE
—Sturdy plywood case with handle finished in gray plex-tone.

List Price\$20.00



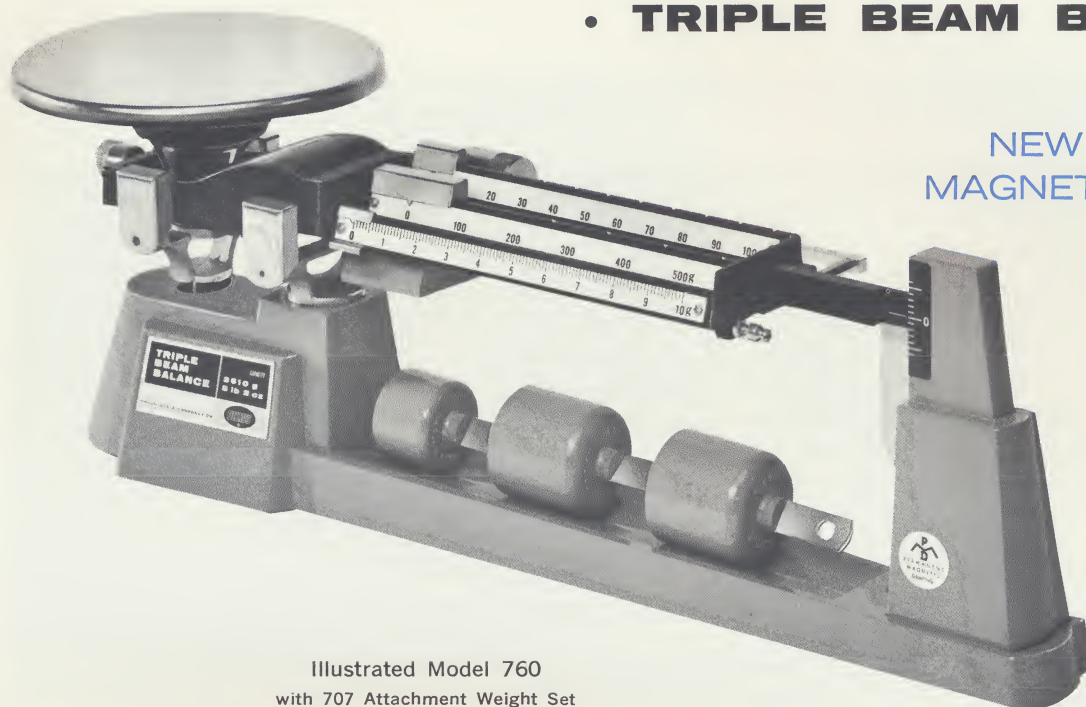
ATTACHMENT WEIGHTS

The capacity of the Ohaus Triple Beam Balance may be extended to a total of 2610 grams with the use of attachment weights which can be suspended from the pivots on the end of the beam. Sets and individual weights are available in metric or avoirdupois standards.

MODEL	STANDARD	WEIGHT SET	LIST PRICE
707	Metric	2 #702 & 1 #701	\$5.50
807	Avoirdupois	2 #802 & 1 #801	5.50
		<u>Individual Wts.</u>	
701	Metric	500 Gram Att. Wt.	1.50
702	Metric	1000 Gram Att. Wt.	2.00
801	Avoirdupois	1 lb. Att. Wt.	1.50
802	Avoirdupois	2 lb. Att. Wt.	2.00

LOW FORM • TRIPLE BEAM BALANCES

NEW DESIGN plus
MAGNETIC DAMPING



Illustrated Model 760
with 707 Attachment Weight Set

These newly designed Ohaus Triple Beam Balances provide the user with the first and only balance in this category with the convenience of damping. New speed of weighing is assured through the use of "Alnico" permanently adjusted magnets. A new end reading device provides ease and speed for clear, sharp, zero indication without parallax. Zero adjustment is accomplished by rotating a specially designed knurled knob on the left end of the beam. The knob is spring loaded and holds securely in position when set. The balance base is contoured to receive and store the attachment weights when not in use.

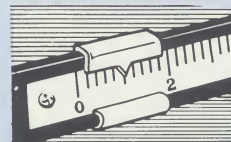
A lifetime of trouble free service is assured by the proven pivot and bearing construction. The pivots are made from a select grade of steel specially heat treated to insure maximum hardness and at the same time provide ultimate toughness and shock resistance. These pivots ride on high grade, polished, self-aligning agate bearings to insure maximum sensitivity and extended service life.

Corrosion Protection—Stainless steel weighing platforms—etched stainless steel graduated beams—die cast aluminum alloy base. All other parts heavy chrome plated or protected with baked sandtone finish.
Highest Capacity—Through the use of attachment weights the balance provides a total capacity of 2610 grams.



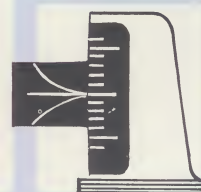
BOX END BEAM

The beam is constructed of high strength, die cast aluminum alloy with ends cross braced. This adds materially to the strength and rigidity of the beam under loads.



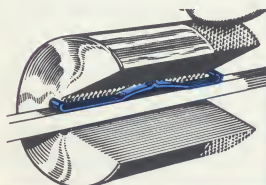
SLIDING TYPE POISE

The sliding type poise has a center indicator to insure rapid and correct reading and eliminate secondary beam oscillations common with a hanging type poise.



END READING
DEVICE

Provides sharp, clear readings and eliminates parallax error.



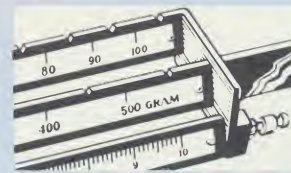
PATENTED
TARE
POISE

Clever use of a flat spring and an internal threaded poise, enable the poise to be slid for rough taring and rotated for fine adjustment.



MAGNETIC
DAMPING

Concealed in the end post are two permanent "Alnico" magnets to provide friction and maintenance free magnetic damping which is uniform for the life of the balance.



TIERED BEAMS

Fitted with stainless steel graduated beams which make readings easier over the life of the balance.

LOW FORM DIAL BALANCES •

CHOOSE ONE OF FOUR CONVENIENT PLATFORMS!



Stainless Steel Plate—6" diameter



Removable Stainless Steel Pan—6" diameter x 3/4" deep



Removable Stainless Steel Scoop—12" x 6" x 2 3/4" deep



Animal Subject Box—9" diameter x 5" deep

CHOOSE YOUR WEIGHING STANDARD: **METRIC**
AVOIRDUPOIS
GRAIN
and **NEW lbs. per 1000 ESTIMATOR**

SPECIFICATIONS

WEIGHING STANDARD	CAPACITY	DIAL GRADUATIONS	BEAM GRADUATIONS	TOUCH 'N WEIGH	TARE CAPACITY	PLATFORM, MODEL AND PRICE			
						SS PLATES	SS PAN	SS SCOOP	SUBJECT BOX
Metric	1600 g	100 x .1 g	500 x 100 g	2 @ 500 g	200 g	Model No. 1650 \$49.75	Model No. 1610 \$54.75	Model No. 1620 \$59.75	Model No. 1630 \$64.75
Avoirdupois Decimal Ounce †	3 lbs., 4 oz.	4 oz. x .01 oz.	16 oz. x 1 oz.	2 @ 1 lb.	8 oz.	Model No. 1651 89.75	Model No. 1611 \$94.75	Model No. 1621 *	
Avoirdupois Decimal Pound †	3.1 lbs.	.1 lb. x .001 lb.	1 lb. x .1 lb.	2 @ 1 lb.	.5 lb.	Model No. 1652 \$89.75	Model No. 1612 \$94.75	Model No. 1622 *	
Grain †	16000 GN	1000 x 1 GN	5000 x 1000 GN	2 @ 5000 GN	3500 GN	Model No. 1653 \$89.75	Model No. 1613 *	Model No. 1623 *	
Avoirdupois Weight Per Thousand +	3100 lbs. Per Thousand	100 lbs. x 1 lb. Per Thousand	1000 lb. x 100 lb. Per Thousand	2 @ 1000 lb. Per Thousand	.5 lb.	Model No. 1654 \$89.75	Model No. 1614 *	Model No. 1624 *	

OHAUS Low Form Dial-O-Gram Balances Meet CCSSO Specifications—Purchase Guide No. 0216.

* Prices on Application

†Available after March 1966.

ACCESSORIES

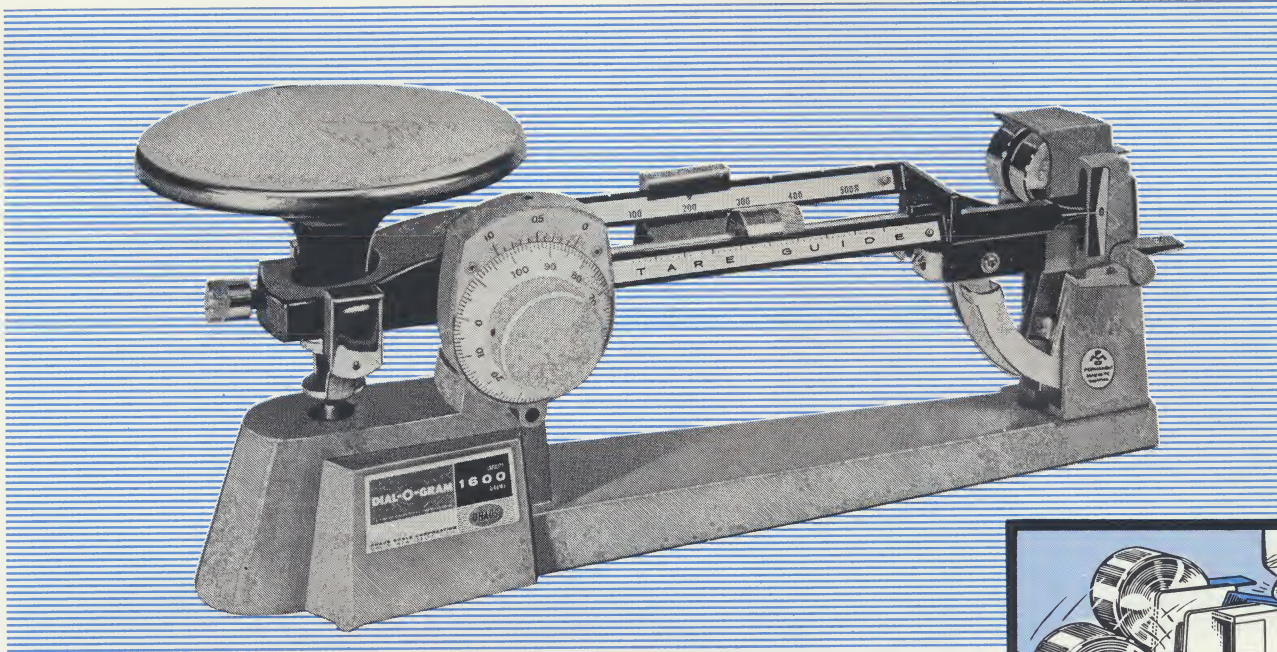


MODEL 1078-3 FOOTED SCOOP—Can be used on Model 1610 or 1650 by merely adjusting the tare poise to compensate for weight of scoop. Stainless steel scoop is 12" x 6" x 2 3/4" in size.
List Price \$7.25

MODEL 706 BALANCE COVER—This vinyl metallic balance cover is specially designed for the Ohaus Low Form Dial Balance. Measures 18" x 6 1/2" x 7".
List Price \$1.25

MODEL 709 CARRYING CASE—Sturdy plywood case with handle finished in gray plextone.
List Price \$20.00

• LOW FORM DIAL BALANCES



Illustrated: Model 1650

DIAL-O-GRAM™

Now Ohaus engineering brings you an entire new world of operational ease and speed with the all new Dial-O-Gram 1600 . . . the first and only low-form single-pan dial balance ever offered.

Readings to 100 gram are direct to the nearest 0.1 gram on the smooth-acting dial. Above 100 gram readings are accomplished through the combined use of a poise and a revolutionary new method of weight loading . . . "Touch-N-Weigh."

Concealed magnetic damping assures fast, friction-free operation.

The undivided tare beam has a patented tare poise for fine adjustment.

To insure strength and rigidity the beam is constructed of high-strength, die cast aluminum with ends cross braced.

Like all fine balances, the Dial-O-Gram employs precision sharpened knives and agate bearings.

The rugged die cast base is handsomely finished in corrosion-resistant epoxy.

These are among the reasons we are sure you will agree that . . .

NEVER BEFORE . . . A BALANCE WITH SO MANY FINE TIME-SAVING FEATURES AT YOUR FINGERTIPS FOR YOUR

Fastest Weigh Yet!

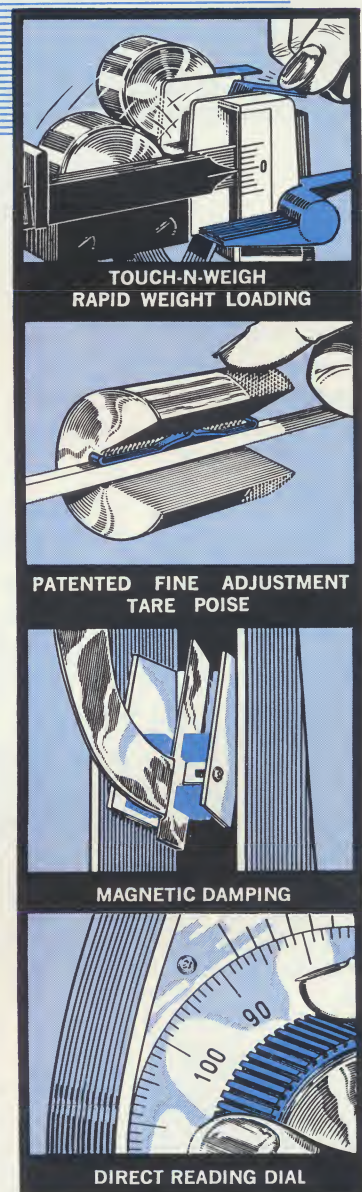
TOUCH-N-WEIGH® RAPID WEIGHT LOADING—A touch of the finger drops one or both of the 500 gram weights directly and securely onto their beam pocket. When finished weighing, both are returned to their storage rack at a touch of the return key; ready to be used again. You'll marvel at this convenience born of simplicity! Patent applied for.

PATENTED FINE ADJUSTMENT TARE POISE—Clever use of a flat spring and an internal threaded poise enable the poise to be slid for rough taring and turned for fine adjustment.

MAGNETIC DAMPING—Concealed in the end post of your Dial-O-Gram are two permanent "Alnico" magnets. Only magnetic damping is friction-free, maintenance-free and uniform for the life of the balance.

DIRECT READING DIAL—A relief etched frosted and anodized aluminum dial actuates a special alloy temperature-compensated spring to obtain precise results through the 100 gram range.

Capacity 1600 G Sensitivity 0.1 G Tare Capacity 200 G



DIAL-O-GRAM BALANCE •



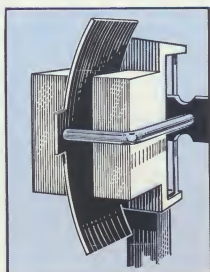
FASTER and MORE ACCURATE TRUE PRECISION SPRING . . .

Ohaus employs a special alloy temperature compensated spring to obtain true precision. Coil springs of this alloy are noted for their repeatability over long periods of time. Ohaus design permits these springs to be employed under low stress, thereby enhancing the low hysteresis and drift characteristics of the spring and makes life virtually limitless. This low stress also yields the best linearity. Calibration of this spring is extremely accurate because of the unique manner in which it is clamped as it has no formed end. Last, but not least, the high nickel and chrome content of this alloy assures the utmost in corrosion resistance.



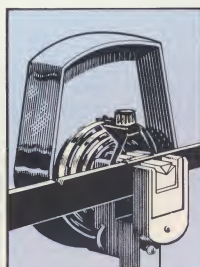
EASY • DIRECT READING DIAL . . 10GRAM to .01GRAM

Dial is relief etched frosted and anodized aluminum to insure easy reading over entire life of balance.



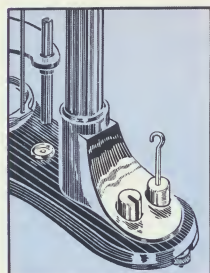
FRICTION FREE MAGNETIC DAMPING ACTION

Speedy accurate results are assured by life-time permanent Alnico magnets. No adjustments to be made, nothing to fill or spill for the life of the balance.



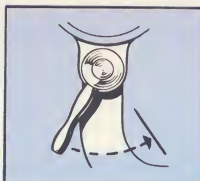
BEAMS • BEARINGS • KNIVES

The Dial-O-Gram beam is of high-strength Duralumin, thus keeping inherent weight to an absolute minimum to insure maximum sensitivity. It is permanently protected against chemicals by black anodizing. The knives of the Dial-O-Gram are made from a select grade of steel specially heat treated and ground to insure maximum surface hardness and at the same time maximum toughness and shock resistance. These knives ride on high grade polished agates specially mounted to insure maximum sensitivity and long service life.



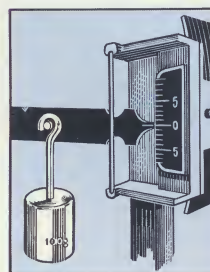
LEVEL • LEVELING FEET • SELF STORING ATT. WEIGHTS

To insure accuracy of all weighings, the Dial-O-Gram is equipped with an accurately adjusted round spirit level and two leveling feet so that the balance can be brought into a level position on any working surface in a matter of seconds. These leveling feet are recessed for maximum stability with sufficient knurled portion extending beyond the base for easy manipulation.



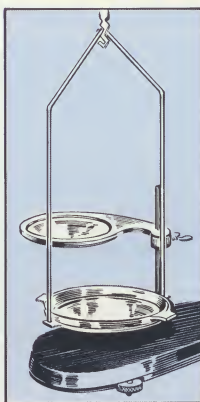
RAPID ACTION BALANCE ARREST

Just a flip of the conveniently placed handle and your Dial-O-Gram is arrested (knives lifted from bearings) thereby eliminating wear from vibrations or shock of sudden loading.



310 GRAM CAPACITY

The Dial-O-Gram boasts a 310 gram capacity (large for a balance of this type) obtained through the use of two accurately adjusted attachment weights which hang from the end pivot on the beam. When not in use these attachment weights conveniently store in the base.



STAINLESS STEEL PAN and BOW SPECIFIC GRAVITY PLATFORM

At the real point of usage where chemicals actually come in contact with the balance, the Dial-O-Gram features rust resistant stainless steel. Not only the pan, pan support and pan bows are of stainless steel, but likewise the double hook end loop (for specific gravity work) and the specific gravity platform. (Pan size 3 3/4" x 1/2" deep)

• DIAL-O-GRAM BALANCE

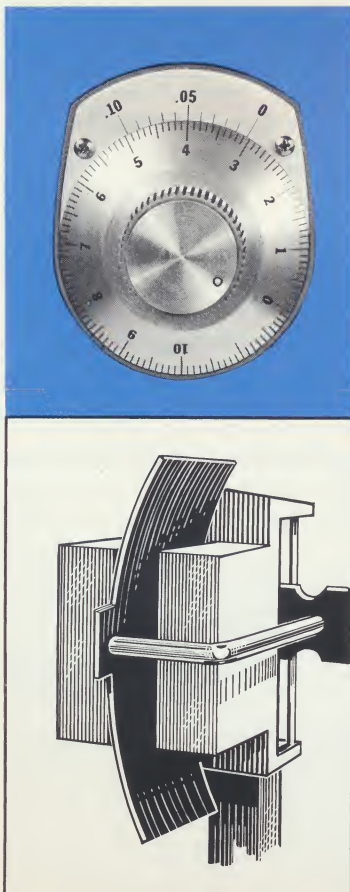
MODEL 310

CAPACITY 310 GRAM
SENSITIVITY .01 GRAM

FASTER
MORE ACCURATE
EASY TURN DIAL
MAGNETIC DAMPING



Fastest Weigh Yet!



This balance brings new convenience and speed at nominal costs to the 10 mg sensitivity and 300 gram capacity range. Readings are made directly from the large dial with vernier from 10 mg to 10 gram. Values beyond 10 gram are read through combined use of attachment weights and poise. Life-time permanent Alnico magnets efficiently damp the balance without friction to insure fast and accurate results.

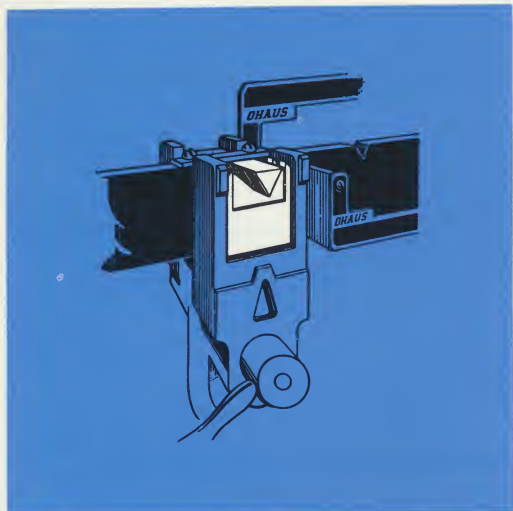
The easy-turn dial actuates a special alloy temperature-compensated spring for true precision. Coil springs of this alloy are noted for their repeatability over long periods of time. Further, Ohaus design permits these springs to be employed under low stress, thereby enhancing low hysteresis and drift characteristics of the spring and makes life virtually limitless.

Additional features are 310 gram capacity attained through use of self-storing attachment weights, stainless steel pans and bows, round spirit level with recessed leveling feet, agate bearings, special heat treated steel knives, high strength Duralumin beams and graduated end reading to eliminate parallax.

Model	Capacity	Sensitivity	Attachment Weights	Beam Calibrations	Dial Capacity	Readability	List Price
310	310 g	.01 g	2 @ 100 g	100 g x 10 g	10 g	1 vernier graduation = .01 g	\$49.75

MODEL 110 BALANCE COVER—Silver metallic vinyl plastic List Price \$1.25 11

CENT-O-GRAM BALANCE •



THE HEART OF THE CENT-O-GRAM BALANCE

BEARINGS • BEAMS • KNIVES

LIGHT WEIGHT DURALUMIN BEAM—The Cent-O-Gram has a light weight, high strength duralumin beam. The inherent load is kept at an absolute minimum thereby insuring maximum sensitivity. Permanent protection against chemical action is achieved by an attractive black anodized finish.

SELF-ALIGNING AGATE BEARINGS—The Cent-O-Gram gives you the ultimate in bearing construction. The bearing blocks of high grade polished agate are specially mounted so as to be free to align themselves with the beam knife edges at all times, resulting in greater sensitivity and longer service life.

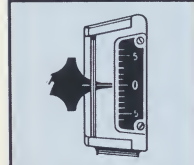
PRECISION GROUND STEEL KNIVES—The Cent-O-Gram knives are made from a select grade of steel, which is passed through a special heat treating process to impart maximum hardness to the surface, while the core remains relatively soft, tough and shock resistant.



RAPID ACTION BALANCE ARREST—Just a flip of the conveniently placed handle and your Cent-O-Gram is arrested (knives lifted from bearings) thereby eliminating wear from vibrations or shock of sudden loading.



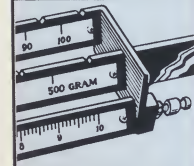
DUST PROOF SELF LOCKING BEARING COVERS—These covers are so designed that they retain a hardened steel thrust plate against which the pointed end of the knife edge can move freely.



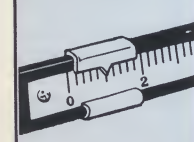
GRADUATED END READING DEVICE—The pointed beam registers end-wise against a graduated dial thereby eliminating parallax errors.



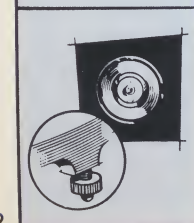
SELF-ALIGNING AGATE BEARINGS—Long wearing bearings are so mounted as to be free and self-aligning at all times. Knives are precision ground from special steel and treated to insure maximum corrosion protection.



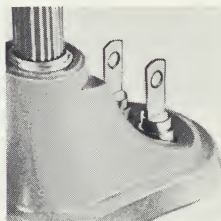
TIERED, STAINLESS STEEL GRADUATED BEAMS—Make reading easier over the life of the balance.



SLIDING TYPE POISE WITH CENTER INDICATING PANEL—Insures rapid and correct reading, eliminates secondary beam oscillations common with hanging type poise.

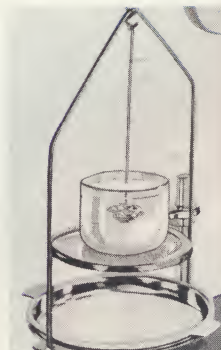


LEVEL AND LEVELING FEET—Round spirit level and two adjustable feet assure accuracy on any working surface.



SELF STORING ATTACHMENT WEIGHTS—Supplied with balance for weighing to capacity. These weights are nested into the base convenient to the attachment pivots on the right hand end of the beam.

SPECIFIC GRAVITY DETERMINATION



Balance is provided with a platform which can be swung directly under the weighing hook. The specimen can then be suspended from a fine wire or thread from the lower section of the hook into a beaker or other suitable container for water or other liquids.

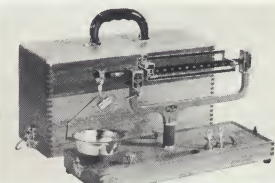
MODEL NO. 113—Specimen Holder and Counterweight complete with beaker is recommended for speed and convenience when large number of determinations are made on the Cent-O-Gram balance.

List price \$6.50

BALANCE COVERS for Cent-O-Gram Balances. Silver metallic vinyl plastic.

MODEL 110, for Models 311 and 313 List price \$1.25

MODEL NO. 312—PORTABLE BALANCE IN MAHOGANY CARRYING CASE—All features of the Cent-O-Gram conveniently self-stored for safe transportation.



MODEL	BEAM CALIBRATIONS			CAP.	SENSITIVITY	ATT. WTS.	LIST PRICE
	FRONT	CENTER	REAR				
312	1 g x 0.01 g	100 g x 10 gram	10 g x 1 gram	311 gram	.01 g (1 centigram)	2 @ 100 gram	\$49.50

• CENT-O-GRAM BALANCE

GENERAL LABORATORY
WEIGHINGS

PREWEIGHING

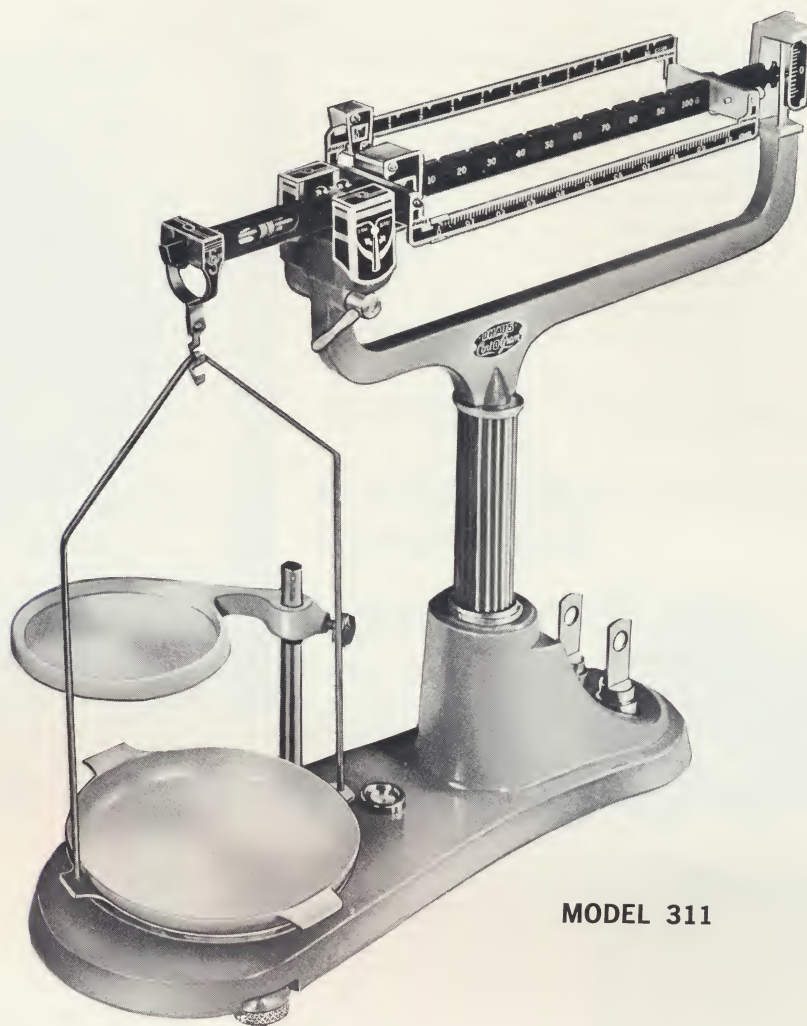
SPECIFIC GRAVITY
WORK

POWDER SCALE
FOR RELOADING

PORTABLE

with RAPID ACTION
BALANCE ARREST

CAPACITY 311 GRAM
SENSITIVITY .01 GRAM



MODEL 311

An unbeatable balance for general laboratory weighings, specific gravity work, and preweighing; the CENT-O-GRAM is the accepted pace setter in its field.

An outstanding feature is the exclusive rapid-action balance arrest. Other features are shown on the preceding page.

Newly designed base with recessed feet provides maximum stability. Liberal use of stainless steel and

epoxy finishes assure maximum corrosion protection.

The 311 gram capacity is higher than any balance of its type and is attained through use of two 100 gram attachment weights which are included with each balance.

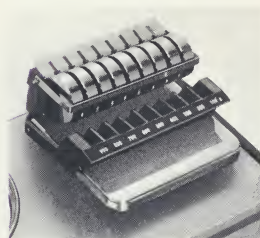
Comes equipped with stainless steel pan bow and pan (3 3/4" diameter x 1/2" deep), adjustable platform and double hook for specific gravity determinations.

MODEL	PURCHASE GUIDE NO.	STANDARD	BEAM CALIBRATIONS			CAP.	SENSITIVITY	ATT. WTS.	LIST PRICE
			FRONT	CENTER	REAR				
311	0255	Metric	1 gram x 0.01 gram	100 g x 10 gram	10 g x 1 gram	311 gram	.01 g (1 centigram)	2 @ 100 gram	\$31.00
313		Grain	10 Grain x .1 Grain	1000 Grain x 100 Grain	100 Grain x 10 Grain	3110 Grain	.1 (1/10) Grain	2 @ 1000 Grain	37.50

AUTOGRAM 1000 BALANCE •

SPECIFICATIONS

Total capacity	1000 gram
Sensitivity	1 vernier division = 0.10 gram
Precision (Standard Deviation)	0.05 gram
Linearity (Accuracy over optical range)	0.10 gram
Linearity (Weight loading)	1 part in 5000
Tare capacity	200 gram
Optical Range	-3 to +103 gram
Damping	Magnetic
Out-of-level sensitiveness	Not Critical
Temperature and humidity sensitiveness	Not Critical
Dimensions (W x L x H)	12½" x 16½" x 7½"
Power requirements	115 v—50/60 cycles, 15 watts
Net Weight	15 lbs.
Shipping Weight	17 lbs.
Price w/balance cover, spare bulb and adapter plug	\$295.00



UNIQUE EXTERNAL WEIGHT LOADING — Rapid addition of weight in 100 gram increments. Weights returned to rack simultaneously by lifting the weight receiver.



SHARP IMAGE DIRECT READINGS —High quality optics and coated first-surface mirrors. Graduations to 100 grams, readable to 0.1 gram by means of vernier.



BUILT-IN TARE 200 GRAM CAPACITY—This handy tare control is right up front where you need it. Net weighings of material in containers and additive weighings are simple and fast.

AUTOGRAM 1000 ANIMAL BALANCE

Now . . . Fast, Accurate, Optically Projected Readings . . . permanent magnetic damping . . . unique, external weight loading system gives convenient top loading to 1000 grams. 8¼ inch diameter by 4½ inch deep animal subject pan inclusive.

Model 1000-30 List price **\$319.00**

- Permanent Magnetic Damping
- Convenient Top Loading to 1000 Grams Capacity
- Built-in Tare with 200 Gram Capacity
- Insensitive to Out-of-Level Conditions
- Available with a Variety of Weighing Platforms and Containers
- Removable Weight Rack for Balancing Work
- Last But Not Least . . . Low Cost!



• AUTOGRAM 1000 BALANCE



DIRECT READING

**RAPID MAGNETIC
DAMPING**

LOW COST

"AUTOGRAM 1000"™

Now, through Ohaus engineering; the convenience, speed and accuracy of direct reading are available at low cost. Readings 0.1 gram up to 1 kilogram can readily be made through the combined use of optics and a unique system of weight loading. Speedy weighings are assured by efficient, permanently adjusted magnetic damping, and trouble-free external weights which are readily manipulated from the integral storage rack. This new method of weight loading can be faster than systems using internal drop weights operated by knobs. No time consuming leveling is required as balance is not sensitive to out-of-level conditions.

The direct reading optical scale has graduations to 100 grams and is readable to 0.1 gram by means of a vernier. A sharp, clear image is obtained by the use of high-quality optics and coated first-surface mirrors. The precision of the balance is 0.05 gram and linearity is 0.10 gram. Weighings over 100 grams are quickly made by using the weight loading system on the right platform. Stainless steel fingers move each of nine 100 gram weights quickly and easily to the receiver on the right platform until a reading can be made on the illuminated screen. The total value of weights in use is clearly indicated. These weights are then returned simultaneously to the storage rack by merely lifting the weight receiver. The right platform can also be cleared for use in balancing work.

Net weight of materials in containers and additive weighings are easily performed by using the built-in tare control on the front panel. This control provides 200 grams of tare

capacity. Additional taring is available by use of weights on the right platform.

The rugged, long life design incorporates reinforced one-piece beam with hardened steel knife edges and agate bearings. The compact case is stainless steel with cast aluminum base. Baked enamel finish on the case, stainless steel platforms and plated weights assure maximum corrosion protection. A series of baffles in the platform mountings protects the inside of the balance from foreign material contamination. The 6 volt bulb used in the optical system is the pre-focused type for easy replacement. The balance is readily portable as no arresting or internal locking is required and there is no oil or other liquids to spill.

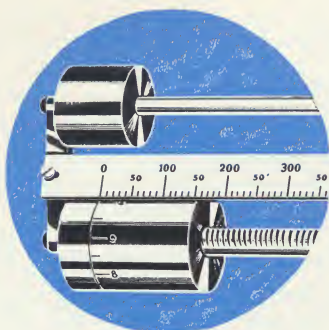
The balance may be used with a variety of weighing platforms. A removable stainless steel pan, 6" diameter by $\frac{3}{4}$ " deep, is standard equipment. A stainless steel scoop, 12" by 6" by $2\frac{3}{4}$ " deep, or animal subject pan may also be used. The stainless steel right hand platform measures $5\frac{1}{4}$ " by $4\frac{1}{4}$ ".

The balance operates on 115 volts A.C. and is equipped with three-wire grounding type cord and plug. A rocker type ON/OFF switch and an illuminated pilot light are conveniently located on the front panel. Dimensions are $12\frac{1}{2}$ " wide by $16\frac{1}{2}$ " long by $7\frac{1}{2}$ " high. Supplied with metallic vinyl balance cover, spare bulb and adapter plug.

Each \$295.00

When Quality is in the Balance!

INDUSTRIAL BALANCES •



This new type micrometer rotating poise enables these balances to be used for weighings from 0.5 to 1000 gram without additional weights. The poise is designed so that it may be slid along the beam for rapid traverse and rotated for final positioning. The poise barrel is calibrated in .5 gram increments which subdivide the 10 gram beam divisions.

ADDITIONAL FEATURES

- Light Weight—High Strength Cast Aluminum Beam with recessed balance adjustment nuts
- Patented Self-Aligning Agate Bearings
- All Models Except Those With Scoops Equipped With Undivided Tare Beam and Poise
- Dust Proof Bearing Covers
- Precision Hollow Ground Tool Steel Knife Edges
- Relief Etched Beams
- Pointer and Graduated Dial Indicator
- Shipped in Specially Designed Individual Shock-Proof Carton

SPECIFICATIONS

MICROMETER POISE—METRIC

MODEL	STANDARD PLATFORM	BEAM CALIBRATION	CAPACITY	SENSITIVITY	TARE CAPACITY	LIST PRICE
1910	With Micrometer Poise	9" SS. Pans	1000 x 0.5 gram	0.5 gram	450 gram	\$ 99.00
1920		Brass Scoop			—	104.00
1950		7" SS. Plates			450 gram	94.00

COMBINATION METRIC AND AVOIRDUPOIS

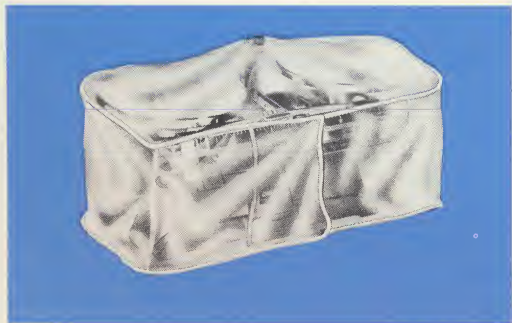
1810	9" SS. Pans Brass Scoop 7" SS. Plates	500 x 5 g	5 kg	0.5 g	450 gram or 1 lb.	89.00
1820		and	or	or	—	94.00
1850		16 x 1/8 oz.	11 lbs.	1/32 oz.	450 gram or 1 lb.	84.00
1811	9" SS. Pans Brass Scoop 7" SS. Plates	100 x 1 g	5 kg	0.5 g	450 gram or 1 lb.	89.00
1821		and	or	or	—	94.00
1851		4 x 1/32 oz.	11 lbs.	1/32 oz.	450 gram or 1 lb.	84.00

ACCESSORIES



BALANCE SCOOP AND COUNTERWEIGHT — Polished brass footed scoop, 15½" x 8½" x 4¼", can be used directly on the plate of any Industrial Balance. Counterweight is lacquered brass.
Model 131—List price\$13.00

WEIGHTS FOR USE WITH INDUSTRIAL BALANCES are available in metric and avoirdupois standards. See Open Block Weight Sets on page 28 and Sto-A-Weigh Weight Sets on pages 24 and 25.

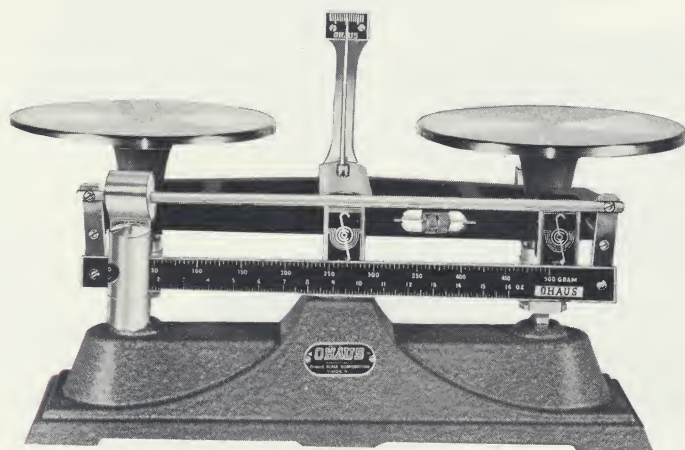


BALANCE COVER—This vinyl plastic cover is recommended for protection when the balance is not in use. For Series 1800 and 1900 Industrial Balances.
Model 114—List price\$2.00

CARRYING CASE—This case is specially designed for easy carrying and extra protection when balance is not in use. For Industrial Balances and Highway Scale.
Model 130—List price\$70.00

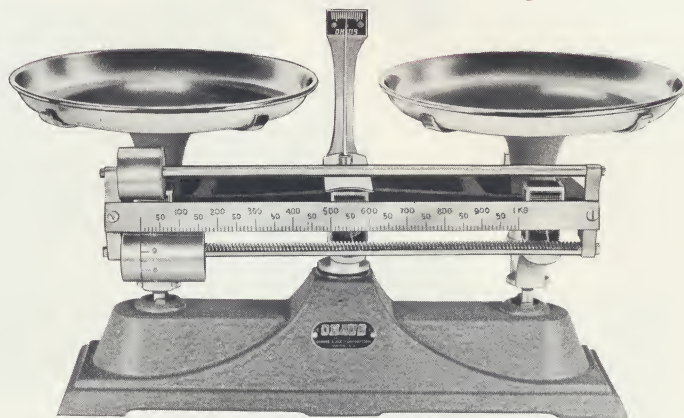
• INDUSTRIAL BALANCES

WITH
COMBINATION METRIC AND AVOIRDUPOIS
GRADUATED BEAM



Illustrated—Model 1850

WITH
MICROMETER POISE



Illustrated—Model 1910

MODEL 1810-1811—These balances have matched removable stainless steel pans 9" in diameter and are equipped with a dual calibration beam which allows weighing in both Metric and Avoirdupois Standards on the same balance. The undivided tare beam and poise can be used to obtain net weight of contents in containers directly on the graduated beam. Capacity of 5 Kg or 11 pounds and sensitivity of 0.5 grams or $\frac{1}{32}$ oz.

MODEL 1820-1821—These models have a polished seamless brass scoop $15\frac{1}{2}" \times 8\frac{1}{2}" \times 4\frac{1}{4}"$ and a 7" diameter polished stainless steel plate for the weighing of grain, seed, powders and small parts. The graduated beam is calibrated in both Metric and Avoirdupois Standards for the utmost in versatility. Capacity of 5 Kg or 11 pounds and sensitivity of 0.5 grams or $\frac{1}{32}$ oz.

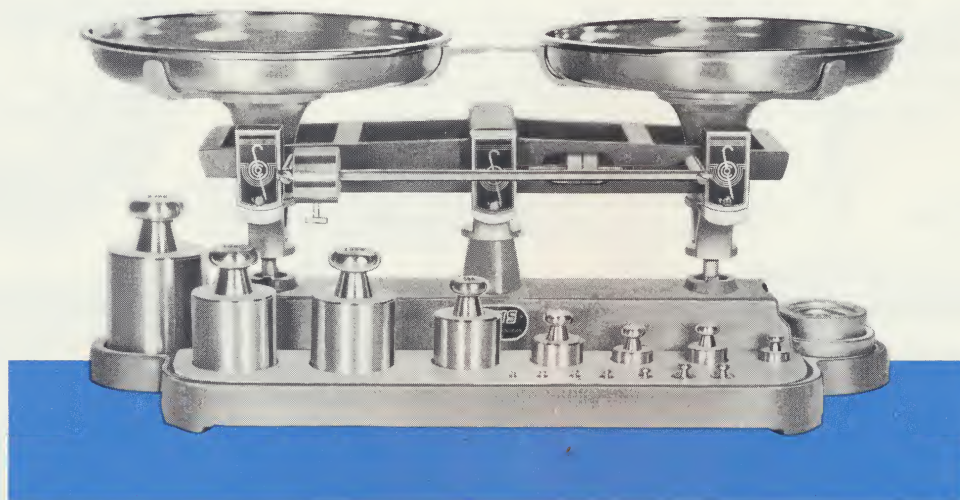
MODEL 1850-1851—The 7" diameter polished stainless steel plates adapt these models to the majority of laboratory and industrial weighing situations. The undivided tare beam and poise and the dual Metric and Avoirdupois calibrations on the graduated beam add greatly to the value of this balance. Capacity of 5 Kg or 11 pounds and sensitivity of 0.5 grams or $\frac{1}{32}$ oz.

MODEL 1910—This micrometer poise balance is equipped with matched stainless steel pans 9" in diameter which make it ideal for dispensing work and weighing small parts, and an undivided tare beam and poise. Capacity of 5 kg and sensitivity of 0.5 gram.

MODEL 1920—This balance is equipped with a polished seamless brass scoop $15" \times 8\frac{1}{2}" \times 4\frac{1}{4}"$ on the left and a 7" diameter polished stainless steel plate on the right. It is useful for weighing grain, seed, powders and small parts. Capacity of 5 kg and sensitivity of 0.5 gram.

MODEL 1950—The 7" diameter polished stainless steel plates provide unobstructed weighing surfaces on this balance. It is suitable for the majority of laboratory and industrial applications. Undivided tare beam and poise allows weight of contents in containers to be read directly on the beam. Capacity of 5 kg and sensitivity of 0.5 gram.

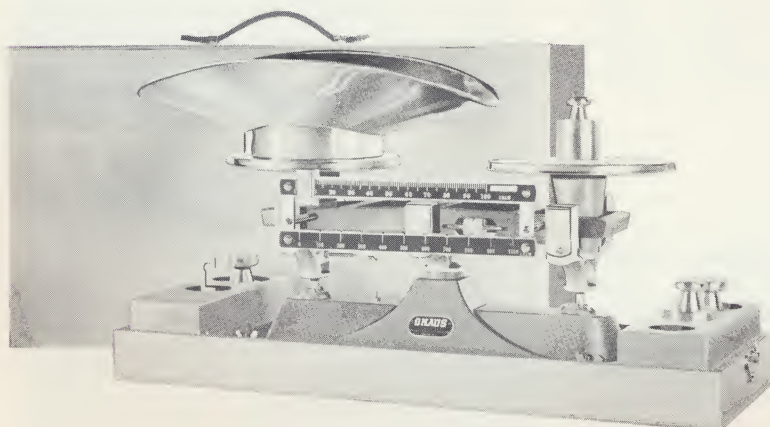
EVEN ARM SOLUTION BALANCE •



As illustrated, these balances are supplied with sets of lacquered brass weights in kiln dried hardwood board integral with the balance base. These weights allow weighings up to the capacity of the balance. Stainless steel pans are removable and are of equal weight so that they may be used interchangeably.

SPECIFICATIONS

STANDARD	CAPACITY	SENSITIVITY	WEIGHT SETS	PAN DIA.	TARE BEAM CAP.	MODEL NO.	LIST PRICE
Metric	1 kg	0.1 g	500 x 1 gram and 4 oz Tare Wt.	6"	125 g	1715	\$46.00
Avd.	2 lb	.005 oz	1 lb x $\frac{1}{16}$ oz and 4 oz Tare Wt.	6"	4 oz	1716	49.00
Metric	5 kg	0.5 g	2000 x 1 gram and three 8 oz Tare Wts.	9"	225 g	1717	107.00
Avd.	10 lb	0.001 lb	5 lb x $\frac{1}{16}$ oz and three 8 oz Tare Wts.	9"	8 oz	1718	107.00



HIGHWAY SCALE

For testing soil, concrete, and asphalt. Supplied separately or in a hardwood carrying case. Equipped with a lacquered brass scoop ($15\frac{1}{2}$ " x $8\frac{1}{2}$ " x $4\frac{1}{4}$ " deep) with a counterweight plus one 1 Kilogram and two 2 Kilogram lacquered brass weights. The balance indicator is beneath the beam for protection against damage. All vital parts are specially finished for corrosion resistance. Upper beam graduated 0 to 100 grams in 1 gram divisions and lower beam 0 to 1000 grams in 100 gram divisions notched for accurate positioning. Total capacity is 5 kilograms for each plate and the sensitivity 500 milligrams (0.5 grams).

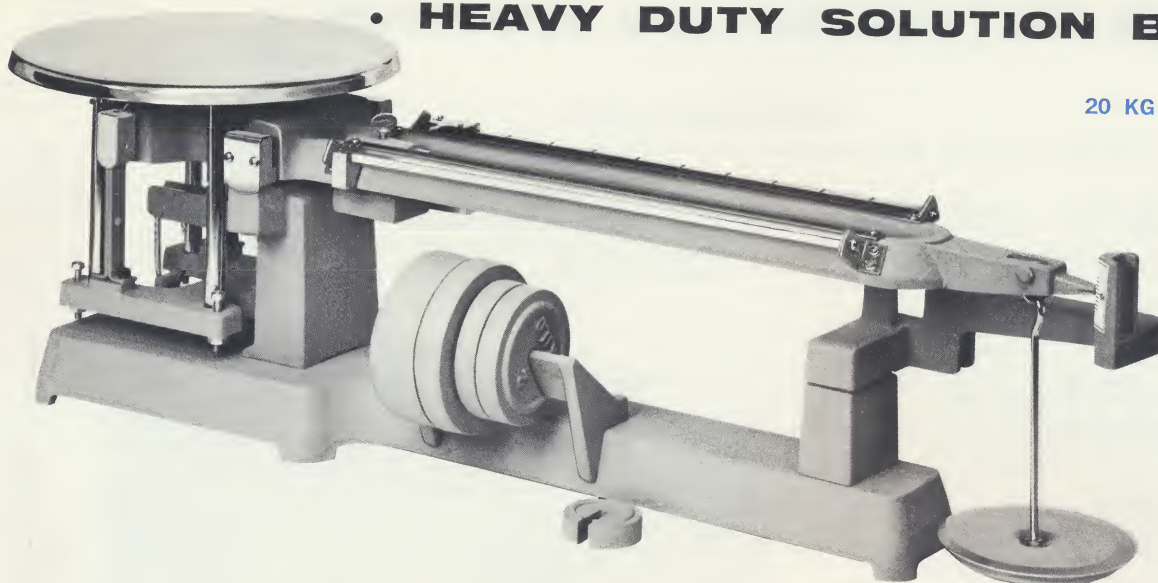
Model 1822, Scale onlyList price \$115.00

Model 130, Carrying caseList price \$ 70.00

• HEAVY DUTY SOLUTION BALANCE

20 KG or 45 LB CAPACITY

IMPROVED



HIGH SENSITIVITY—Self-aligning tool steel bearings, hollow-ground tool steel knife edges, and unique check lever system assure high degree of sensitivity and long life under heavy loads.

NEW IMPROVED DESIGN—The new beam construction is designed for stronger, more rugged use. The platform supporting assembly forming the Beranger linkage offers improved geometry and superior performance. It is equipped with positive load stops so designed as to relieve any overloading and excess wear on knife edges and bearings. The new design heavier center post and trig loop base provide greater stability and support for the main beam.

CORROSION PROTECTION—Stainless steel weighing platform . . . etched stainless steel graduated beams . . . other exposed parts heavy chrome plated or covered with attractive baked sandtone finish.

RUGGED CONSTRUCTION—Cast aluminum base reduces weight without sacrificing strength. Light weight, aluminum alloy beam offers high strength and greatly reduces the inherent load.

END READING DEVICE—A newly designed universal indicator for dual-position viewing. This device permits readout from the front or rear of the balance, eliminates parallax errors and speeds determination of balance position.

POISE—Rear poise engages notches in stainless steel side bar for positive settings. Front poise is equipped with a tension spring.

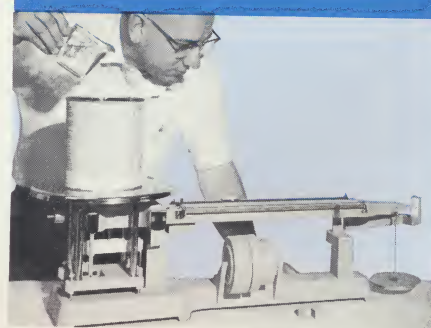
TARE POISE—Can be locked in position for repetitive weighings in same container.

BALANCE DIMENSIONS—33½" Long x 11" Deep x 10¼" High

SHIPPING WEIGHT—43 Lbs. (Model 1121—55 Lbs.)



NEW END READING DEVICE. LOAD AND VIEW FROM EITHER SIDE.



MODEL	CAPACITY	SENSITIVITY	BEAM CALIBRATIONS		UNDIV. TARE CAP.	AUXILIARY WEIGHTS	PLATE DIA.	PRICE
			FRONT	BACK				
1119	20 kg	1 gram	100 g x 1 g	1000 g x 100 g	2270 g	10 kg x 1 kg	11"	\$110.00
1123	45 lb	1/16 oz	2 oz x 1/16 oz	2 lb x 2 oz	5 lb	20 lb x 2 lb	11"	115.00
1122	45 lb	.002 lb	0.1 lb x .002 lb	2 lb x 0.1 lb	5 lb	20 lb x 2 lb	11"	115.00
1121	20 kg or 45 lb	1 gram or 1/16 oz	100 g x 1 g & 2 oz x 1/16 oz	1000 g x 100 g & 2 lb x 2 oz	2270 g or 5 lb	10 kg x 1 kg & 20 lb x 2 lb	11"	150.00

Heavy Duty Solution Balances can be supplied with higher capacities . . . Information on request.

SUBJECT BOX and COUNTERWEIGHT—Galvanized box 12" x 12" x 18" deep. Slotted counterweight. Model 125 List price \$34.50

SCOOP and COUNTERWEIGHT—Polished seamless brass scoop with foot—22" x 11½" x 6" deep. Slotted counterweight. Model 126 List Price \$30.00

BALANCE COVER—Specially designed high-grade vinyl plastic to protect balance when not in use. Model 124 List Price \$2.50

REPLACEMENT WEIGHTS—These weights are available as replacements for those which are always supplied with each Ohaus Heavy Duty Solution Balance.

Model 127A, Avoirdupois set List price \$15.25
Model 127M, Metric set List price \$10.80

INDIVIDUAL WEIGHTS

2238 10 kg \$3.50	2234 20 lb \$4.00
2239 5 kg 2.50	2235 10 lb 3.00
2240 2 kg 1.75	2236 4 lb 2.25
2241-02 1 kg 1.30	2237-02 2 lb 1.50

MOISTURE DETERMINATION BALANCE .

SPECIFICATIONS

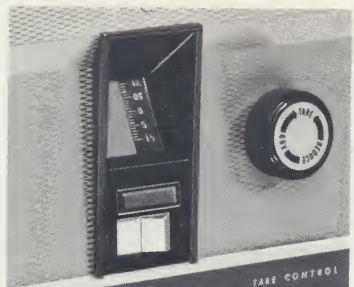
	Model 6010	Model 6100
Total Capacity	10 g (sample weight)	100 g
Optical Range	10 g x 0.01 g and 100% x 0.1%	100 x 0.1 g and 100% x 0.1%
Precision (Standard Deviation)	0.01 g and 0.1%	0.1 g and 0.1%
Tare Capacity	±5 g	±5 g
Heating Unit	Standard tungsten filament infrared lamp.	
Variable Heater Control	Calibrated 0-250 watts. Provides constant heat at desired settings.	
Automatic Shut-Off Timer	Permits settings up to 60 minutes in one minute intervals. Automatically shuts off heater at end of pre-set time.	
Power Requirements	115 V - 250 watts	115 V - 250 watts
Dimensions (W x L x H)	8½" x 14½" x 17"	8½" x 14½" x 17"
Shipping Weight	30 lbs.	30 lbs.
List Price	\$375.00	\$375.00

FEATURES



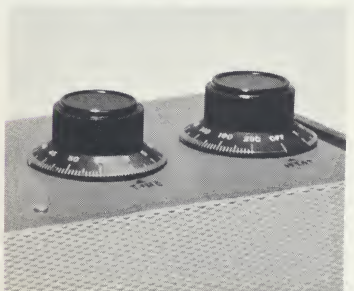
SWING-A-WAY INFRARED HEATER LAMP

- Swivel feature allows fast access to pan.
- Insures against accidental burns.
- Protection against lamp breakage.
- Permits use as drying unit when swung over edge.
- Easy lamp replacement.
- Allows for height adjustment for unusual applications.



SHARP IMAGE DIRECT READINGS AND BUILT-IN ZERO ADJUST

Provides automatic moisture determination with a full range direct reading optical scale calibrated in grams and percent of moisture. Solid or liquid material can be tested easily and moisture loss or weight of drying sample can be read directly throughout the entire drying cycle. No manual rebalancing is required. Zero adjustment control allows extended taring to compensate for weight variations of up to ±5 grams when using standard Ohaus disposable pan liners or other pan liners which are required for specialized applications.

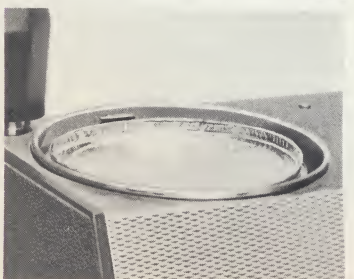


INFINITELY VARIABLE HEAT CONTROL

Utilizes a silicon controlled rectifier to provide infinitely variable heat intensities. The control dial is graduated from 0 to 250 watts with a positive switch setting for full power located close to the limit of the heater control dial. Requires no warm-up or cool-down period.

TIMER CONTROL

The automatic shut-off timer provides settings up to 60 minutes in one minute intervals. Signal bell notifies operator when the pre-set time has elapsed and automatically shuts off heater.



DISPOSABLE PAN LINERS

To keep testing costs at a minimum, the Ohaus Moisture Determination Balance is designed for use with disposable aluminum foil pan liners, 4-3/4" diameter by 3/16" deep. Stabilized sample pan eliminates tipping or spillage due to off-center loadings of liquid samples. Box of 25 pan liners is included with each balance. Additional pan liners are available from your dealer at the following prices:

Model 6081	{	Packed 25 per box	List Price \$ 2.00
		Bulk Packed (1000)	List Price \$65.00

• MOISTURE DETERMINATION BALANCE



COMPLETELY NEW CONCEPT OFFERS ADDED
SPEED • CONVENIENCE • ACCURACY

COMBINATION DRYING UNIT AND
MAGNETICALLY DAMPED PRECISION
BALANCE

FULL RANGE DIRECT OPTICALLY
PROJECTED READINGS

SWING-A-WAY HEATER

The all new Ohaus Moisture Determination Balance is a combination drying unit and magnetically damped precision balance. It is the first instrument of its kind specifically designed to provide automatic moisture determination, with a full range direct reading optical scale, calibrated in grams and percent of moisture. Graduations from 0-10 grams and 0-100% are projected to a ground glass screen to permit accurate indication to 0.01 gram and 0.1 percent by means of a vernier.

Advanced design techniques developed especially for this balance provide a simple, fast and fool-proof method for determining the moisture content of liquids or solids. Dependable accuracy is insured by use of a special temperature compensated spring which supplies the restoring force necessary for **continuous readout—without manual rebalancing**. To determine the moisture loss at any time during the drying cycle, one merely reads the projection screen—no need for any other operation. Time consuming leveling is not required since the balance is not sensitive to out-of-level conditions. Speedy weighing is assured by efficient, trouble-free magnetic damping. Additional features are detailed on the opposite page.

MOISTURE DETERMINATION IN 7 EASY STEPS:

1. Set rocker type ON/OFF switch to ON position.
2. Move Swing-A-Way heater to clear pan.
3. Place disposable pan liner on pan.
4. Establish zero balance.
5. Weigh out ten gram sample.
6. Return Swing-A-Way heater to position over sample.
7. Set heater and timer controls to proper settings.

That's all there is to it. The balance does the rest. The built-in timer signals the operator by bell sound when the pre-set time has expired.

Typical Applications—The all new Ohaus Moisture Determination Balance is recommended for use on aqueous solutions, adhesives, asphalt, cereals, chemicals, dairy products, detergents, emulsions, fertilizers, flour products, gypsum, latex, leather, meat and poultry products, paints and lacquers, paper, pharmaceuticals, pigments, plastics, printing inks, sewage sludge, slurries, soils, textile fibers, waxes, wood pulp and many others.

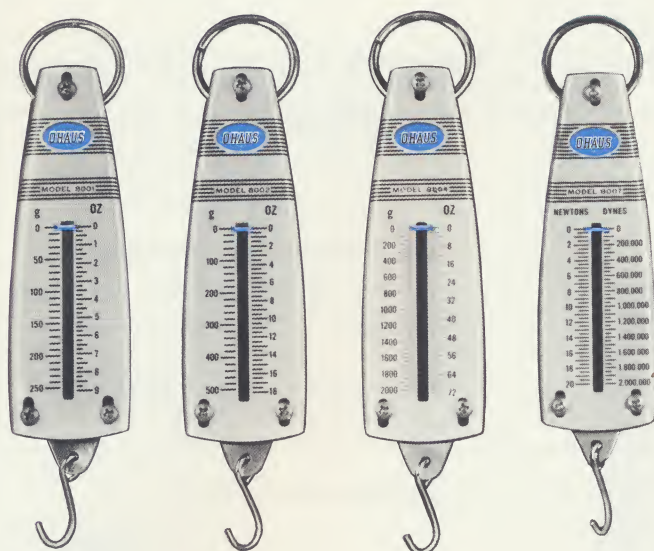
The compact case is stainless steel with cast aluminum base. The base and sides are protected with a baked enamel finish to insure maximum corrosion resistance against extreme conditions in the laboratory. The weighing system utilizes a box end beam constructed of high strength, cast aluminum. To enhance the service life of the balance, the one piece beam is fitted with precision ground steel knives specially heat treated to assure maximum hardness at wearing surfaces. Self-aligning, high quality, polished agate bearings are so mounted as to be free to align themselves at all times. The 6 volt bulb used in the optical system is the pre-focused type for easy replacement.

The standard model operates on 115 volts, 50/60 cycles A.C. and is equipped with a three wire grounding type cord and plug. A rocker type ON/OFF switch and an illuminated pilot light are conveniently located on the front panel. Balance is supplied with an adapter plug and spare projection bulb, plus one package of 25 disposable aluminum pan liners.

Model 6010—10 gram capacity List Price **\$375.00** ea.

Model 6100—100 gram capacity List Price **\$375.00** ea. 21

SPRING SCALES •



THESE "NEW LOOK" SPRING SCALES ARE AT THE HEAD OF THEIR CLASS.....

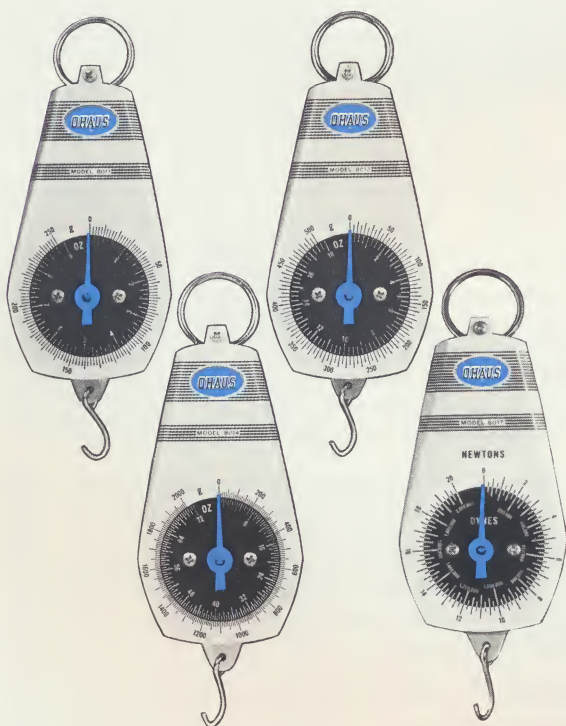
These new Ohaus Spring Scales fill the need for rugged and accurate scales at moderate prices for force experiments and general weighing. The highest quality materials and workmanship by scale specialists assure accuracy and long life. A full range of straight pull types, dial types and demonstration models provide a wide choice for all purposes. All Ohaus Spring Scales meet the requirements outlined for spring balances in the Council of Chief State School Officers "Purchase Guide" and the applicable Purchase Guide numbers are shown in the tabulations listed for the appropriate models. To add to the service life of the scales, the pointers are pinned to their supporting shafts. This method of fastening eliminates broken pointers as a result of sudden release from tension, and also allows fast and easy zero adjustment.

Pull-Type SPRING SCALES

For general experimental work when greater convenience and accuracy of dial scale are not required. Three ranges available all with graduations in both metric and avoirdupois and one calibrated in newtons and dyne equivalents.

List Price\$2.50

MODEL NO.	GRADUATIONS	ACCURACY AT FULL LOAD	LIST PRICE
8001 (PG #0230)	250 g x 10 g 9 oz. x 1/4 oz.	± 1/8 oz. (1/2 avd. grad.)	\$2.50
8002 (PG #0230)	500 g x 20 g 18 oz. x 1/2 oz.	± 1/4 oz. (1/2 avd. grad.)	
8004 (PG #0230)	2000 g x 25 g 72 oz. x 1 oz.	± 1 oz. (1 avd. grad.) or ± 25 g (1 metric grad.)	
8007 (PG #0230)	20 x 1/2 newtons 2,000,000 x 50,000 dynes	± 1/4 newton (25,000 dynes)	



DIAL SPRING SCALES

This type scale provides greater accuracy because vertical spring movements are magnified through rack and pinion with readings made on a large circular dial. Three ranges available in combination metric and avoirdupois and one calibrated in newtons with dyne equivalents.

List Price\$2.75

MODEL NO.	GRADUATIONS	ACCURACY AT FULL LOAD	LIST PRICE
8011 (PG #0240)	250 g x 2 g 9 oz. x 1/8 oz.	± 2 g (1 metric grad.)	\$2.75
8012 (PG #0240)	500 g x 5 g 18 oz. x 1/4 oz.	± 5 g (1 metric grad.)	
8014 (PG #0240)	2000 g x 10 g 72 oz. x 1/2 oz.	± 20 g (2 metric grad.)	
8017 (PG #0240)	20 x 1/4 newton 2,000,000 x 25,000 dynes	± 1/5 newton (20,000 dynes)	

• SPRING SCALES

DEMONSTRATION SPRING SCALES

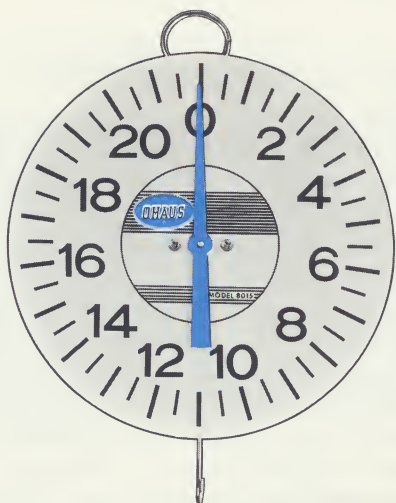
Ideal for use in demonstration work where it is desirable for many people to be able to read the scale at the same time. Frosted aluminum dial plate $8\frac{1}{4}$ " diameter has $\frac{3}{4}$ " black numerals. Available in two standards. One calibrated in metric and another in newtons. Each are graduated 20 units by $\frac{1}{2}$ unit. Intermediate graduations are shorter and narrower for easy reading.

Model 8015 (PG # 0235)—2000 g x 50 g

List Price\$6.50

Model 8016 (PG # 0235)—20 x $\frac{1}{2}$ newtons,
(newtons x 10^5 = dynes)

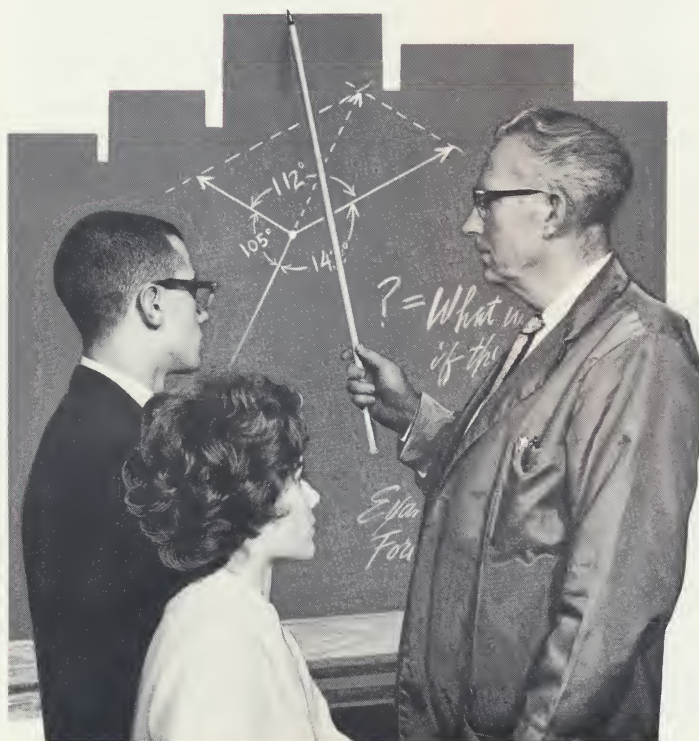
List Price\$6.50



a word about



"classroom engineered"
spring scales



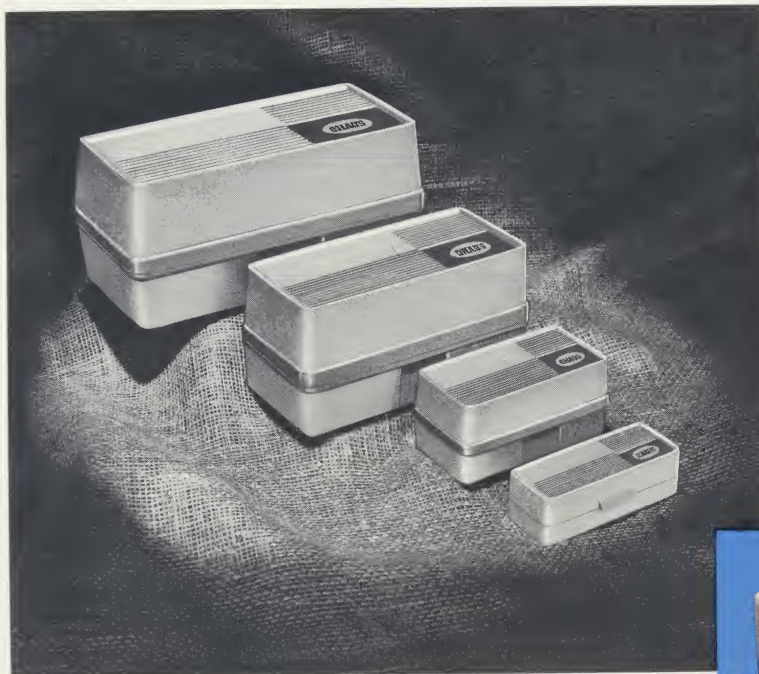
Teachers praise the bold face numerals on the Ohaus demonstration spring scales which were engineered with the teacher and student in mind. The larger $8\frac{1}{4}$ " diameter dial with $\frac{3}{4}$ " high numerals provides optimum readability for the entire classroom.

From the back of the room to the head of the class the Ohaus demonstration spring scales lead the field in setting up force experiments for group study.

The service life of all Ohaus dial spring scales is greatly enhanced because the pointer is pinned to the supporting shaft. This method of fastening eliminates broken pointers as a result of sudden release from tension, and also allows fast and easy zero adjustment.

LABORATORY WEIGHT SETS •

STO-A-WEIGH



Ohaus STO-A-WEIGH weight sets are now available in the new modern polypropylene case with integrally hinged cover which tests have shown will withstand over a million openings and closings without failure. These one-piece cases have high impact strength, will withstand temperatures in excess of 250°F, have very low moisture absorption characteristics and are resistant to most acids and alkalis. Each weight has its own shrink-proof pocket and fractional weights, where supplied, are in individual covered compartments. All weights are guaranteed to be adjusted within the tolerances specified for the applicable class by the National Bureau of Standards.



- ULTRA MODERN POLYPROPYLENE CASE
- INTEGRAL LIVING HINGE
- 1-2-3-5 SERIES
- RAMP-STYLE WEIGHT ARRANGEMENT
- SELF-LATCHING COVER

GENERAL LABORATORY GRADE WEIGHTS, 1-2-3-5 SERIES

Weights of this grade are available in a complete range in both metric and avoirdupois standards. The adjustment tolerances are as specified in National Bureau of Standards Circular 3 for Class C. These weights are suitable for general laboratory and technical work where the higher accuracy of Class Q and Class P weights is not required. All weights except fractionals are of lacquered brass and fractional weights are aluminum. All weights are adjusted individually to within the specified tolerance and stamped with their denomination. Metric sets are supplied in the 1-2-3-5 series.

STO-A-WEIGH boxes in the 500 milligram, 50 gram and 100 gram sets have individual covered compartments for all fractional weights plus storage space for balance riders. All sets are supplied with stainless steel forceps except where specifically noted.

The tables list the catalog number, contents, and list price on standard sets as well as the catalog number and list price for individual weights.

MODEL NO.	DESCRIPTION	No. 51056 5000 g	No. 51036 3000 g	No. 51026 2000 g	No. 51016 1000 g	No. 51055 500 g	No. 51035 300 g	No. 51025 200 g	No. 51015 100 g	No. 51054 50 g	No. 51034 30 g	No. 51024 20 g	No. 51014 10 g	No. 51053 5 g	No. 51033 3 g	No. 51023 2 g	No. 51013 1 g	No. 51052 500 mg	No. 51032 300 mg	No. 51022 200 mg	No. 51012 100 mg	No. 51051 50 mg	No. 51031 30 mg	No. 51021 20 mg	No. 51011 10 mg	No. 51050 5 mg	No. 51030 3 mg	No. 51020 2 mg	No. 51010 1 mg	LIST PRICE	
218	500 mg x 1 mg																	x	x	x	x	x	x	x	x	x	x	x	x	2.50	
210-10	50 g x 10 mg									x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						4.25
210-01	50 g x 1 mg									x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.75
211-10	100 g x 10 mg								x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					5.00
211-01	100 g x 1 mg								x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.50
212†	500 g x 1 g					x	x	x	x	x	x	x	x	x	x	x	x														9.35
213†	1000 g x 1 g				x	x	x	x	x	x	x	x	x	x	x	x	x														12.60
238†	2000 g x 1 g			x	x	x	x	x	x	x	x	x	x	x	x	x	x														25.00
239†*	5000 g x 1 g	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x														54.00
	Indiv. Weight Price	23.50	14.00	7.25	3.75	2.50	2.00	1.25	.80	.50	.40	.30	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	

24 †Weight sets are supplied without forceps.

*Supplied in hinged cover hardwood box.

• GENERAL LABORATORY GRADE WEIGHTS

AVOIRDUPOIS SETS and INDIVIDUAL WEIGHTS

MODEL NO.	DESCRIPTION	No. 54164 10 lb	No. 54803 5 lb	No. 54643 4 lb	No. 54323 2 lb	No. 54163 1 lb	No. 54083 8 oz	No. 54043 4 oz	No. 54023 2 oz	No. 54013 1 oz	No. 54052 1/2 oz	No. 54032 1/4 oz	No. 54121 1/8 oz	No. 54061 1/16 oz	LIST PRICE
276†	1 lb x 1/16 oz					1	1	1	1	1	1	1	1	2	10.70
277†	2 lb x 1/16 oz				1	1	1	1	1	1	1	1	1	2	14.70
278†	4 lb x 1/16 oz			1	1	1	1	1	1	1	1	1	1	2	26.00
279†*	10 lb x 1/16 oz	1	1		2	1	1	1	1	1	1	1	1	2	58.00
	Indiv. weight price	23.50	9.30	7.50	4.25	2.15	1.50	1.15	.85	.60	.40	.40	.40	.40	

†Set supplied without forceps.

*Supplied in hinge cover hardwood box.

CONTENTS

MODEL NO.	DESCRIPTION	No. 54501 0.5 lb	No. 54201 0.2 lb	No. 54101 0.1 lb	No. 54500 0.05 lb	No. 54200 0.02 lb	No. 54100 0.01 lb	No. 54050 0.005 lb	No. 54020 0.002 lb	No. 54010 0.001 lb	LIST PRICE
280*	0.5 lb x .001 lb	1	2	1	1	2	1	1	2	1	17.50
	Indiv. weight price	1.60	.80	.55	.60	.60	.60	.60	.60	.60	

*Supplied in hinged cover hardwood box.

A complete line of Class "P" avoirdupois weights in chrome plated brass is available also. Prices will be supplied upon request.

CLASS Q WEIGHTS

Weights of this classification are available in a wide range of sets in the metric standard. Construction and acceptance tolerances are in accordance with specifications in National Bureau of Standards Circular 547. Fractional weights are of aluminum and all others are lacquered brass. Weights of this class are designed for use for the technical work of commercial and student laboratories. They are suitable for the laboratory dispensing of chemicals and pharmaceuticals, rough determination of mass in the elementary physics laboratory, etc.

All sets are in the 1-2-3-5 series and are contained in the new polypropylene STO-A-WEIGH boxes with separate covered compartments for fractional weights and stainless steel forceps except as noted.

The tables below list the catalog number, contents, and list price on standard metric sets and the catalog number and list price for individual weights. A complete line of avoirdupois weights is available also in this classification. Prices will be supplied upon request.

MODEL NO.	DESCRIPTION	No. 52016 1000 g	No. 52055 500 g	No. 52035 300 g	No. 52025 200 g	No. 52015 100 g	No. 52054 50 g	No. 52034 30 g	No. 52024 20 g	No. 52014 10 g	No. 52053 5 g	No. 52033 3 g	No. 52023 2 g	No. 52013 1 g	No. 52052 500 mg	No. 52032 300 mg	No. 52022 200 mg	No. 52012 100 mg	No. 52051 50 mg	No. 52031 30 mg	No. 52021 20 mg	No. 52011 10 mg	No. 52050 5 mg	No. 52030 3 mg	No. 52020 2 mg	No. 52010 1 mg	LIST PRICE
219	500 mg x 1 mg														x	x	x	x	x	x	x	x	x	x	x	x	5.00
214-10	50 g x 10 mg						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						8.70
214-01	50 g x 1 mg						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	9.70
215-10	100 g x 10 mg					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						10.00
215-01	100 g x 1 mg					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	11.00
221†	500 g x 1 g		x	x	x	x	x	x	x	x	x	x	x	x													12.80
223†	1000 g x 1 g	x	x	x	x	x	x	x	x	x	x	x	x	x													17.00
	Indiv. Weight Price	5.50	3.75	3.00	1.90	1.20	1.00	.80	.50	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	

†Weight sets are supplied without forceps.

LABORATORY WEIGHT SETS •

CLASS P WEIGHTS

STAINLESS STEEL

Weights of this classification were formerly designated S-2 and are designed for routine analytical work in the scientific or technical laboratory. They are available in a wide range of sets in the 1-2-3-5 series in the metric standard. All weights (except fractionals) are of certified stainless steel in the analytical shape with concave base. Fractional weights 50 mg and over are tantalum, all others aluminum. Construction, acceptance tolerances and packaging are in accordance with specifications in National Bureau of Standards Circular 547.

Each set is contained in the new polypropylene Sto-A-Weigh case with integrally hinged cover and stainless steel forceps.

Maximum weight protection is assured by a velvet covered pad in the cover and separate pocket for each weight. A covered compartment is provided for fractional weights with separate space for each weight plus storage space for balance riders.

The tables below list the catalog number, contents and list price on standard metric sets and the catalog number and list price for individual weights.

A complete line of Class "P" avoirdupois weights in chrome plated brass is available also. Prices will be supplied upon request.



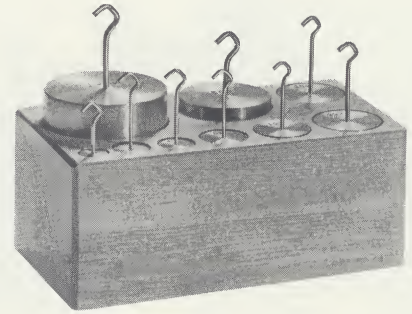
MODEL NO.	DESCRIPTION	No. 53015 100 g	No. 53054 50 g	No. 53034 30 g	No. 53024 20 g	No. 53014 10 g	No. 53053 5 g	No. 53033 3 g	No. 53023 2 g	No. 53013 1 g	No. 53052 500 mg	No. 53032 300 mg	No. 53022 200 mg	No. 53012 100 mg	No. 53051 50 mg	No. 53031 30 mg	No. 53021 20 mg	No. 53011 10 mg	No. 53050 5 mg	No. 53030 3 mg	No. 53020 2 mg	No. 53010 1 mg	LIST PRICE
290	500mg x 1mg										x	x	x	x	x	x	x	x	x	x	x	x	7.50
291-00	50g x 1g		x	x	x	x	x	x	x	x													25.00
291-10	50g x 10mg		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						30.00
291-01	50g x 1mg		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	31.00
292-00	100g x 1g	x	x	x	x	x	x	x	x	x													29.00
292-10	100g x 10mg	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						34.00
292-01	100g x 1mg	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	35.00
	Indiv. Weight Price	4.50	3.75	3.25	3.00	2.75	2.50	2.50	2.50	2.50	1.50	1.50	1.00	1.00	1.00	.50	.50	.50	.50	.50	.50	.50	

• LABORATORY WEIGHT SETS

HOOK WEIGHTS

These weights which can be hooked together at top and bottom are satin finished lacquered brass. Set is supplied in a high-strength molded vinyl plastic block.

SET MODEL NO.	DESCRIPTION	No. 41000 1000 g	No. 40500 500 g	No. 40200 200 g	No. 40100 100 g	No. 40050 50 g	No. 40020 20 g	No. 40010 10 g	LIST PRICE PER SET
46206	1000g x 10g	1	1	2	1	1	2	1	12.50
	Indiv. weight price	4.60	2.30	1.55	1.20	.90	.70	.60	

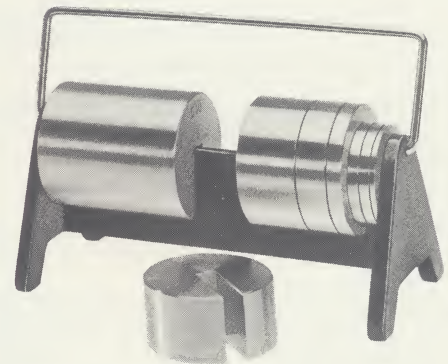


BRASS SLOTTED WEIGHTS

Metric weights from 500 gram to 10 gram and all avoirdupois weights are satin finished lacquered brass. Weights under 10 grams are aluminum. Set supplied on handy cast aluminum weight rack. Hangers for use with these weights are shown in separate section below.

METRIC

SET MODEL NO.	DESCRIPTION	No. 43500 500 g	No. 43200 200 g	No. 43100 100 g	No. 43050 50 g	No. 43020 20 g	No. 43010 10 g	No. 43005 5 g	No. 43002 2 g	No. 43001 1 g	No. 43000 WEIGHT RACK	LIST PRICE PER SET
43503	500g x 10g	1	2	1	1	2	1				1	9.50
43504	500g x 10g	1		5	1	2	1				1	10.00
43505	500g x 1g	1	2	1	1	2	1	1	2	1	1	12.50
	Indiv. weight price	2.10	1.30	1.00	.85	.70	.70	.70	.70	.70	2.35	



AVOIRDUPOIS

SET MODEL NO.	DESCRIPTION	No. 44016 1 lb	No. 44008 8 oz	No. 44004 4 oz	No. 44002 2 oz	No. 44001 1 oz	No. 43000 WEIGHT RACK	LIST PRICE PER SET
44500	1 lb x 1 oz	1	1	1	1	2	1	13.00
	Indiv. weight price	3.00	2.25	1.75	1.50	1.25	2.35	

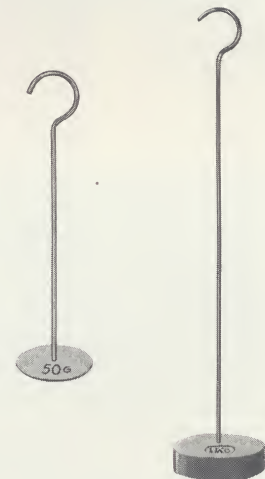
WEIGHT HANGERS

FOR USE WITH SLOTTED WEIGHTS

Model No. 46207—For use with metric brass slotted weights. Weight of hanger is 50 grams. List price\$1.00

Model No. 46208—For use with cast iron slotted weights. Weight of hanger is 1000 grams. List price\$4.00

Model No. 46209—For use with avoirdupois brass slotted weights. Weight of hanger is 4 oz. List price\$2.50



IRON SLOTTED WEIGHTS

Cast iron with denomination clearly marked on each weight. Available in four sizes as shown. Hangers for use with these weights are shown in separate section above.

MODEL NO.	SIZE	LIST PRICE
45005	½ kg	\$1.60
45010	1 kg	2.50
45020	2 kg	3.00
45050	5 kg	5.00



GENERAL LABORATORY GRADE WEIGHTS •



OPEN BLOCK WEIGHT SETS

GENERAL LABORATORY GRADE—Lacquered brass weights contained in shrink-proof block fabricated of high-strength molded vinyl plastic. These sets are recommended for use with Harvard Trip Balances described on pages 2 and 3 and for Heavy Duty Laboratory Balance described on page 4. Replacement weights are available as shown in table below.

MODEL NO.	DESCRIPTION	No. 51026 2000 g	No. 51016 1000 g	No. 51055 500 g	No. 51025 200 g	No. 51015 100 g	No. 51054 50 g	No. 51024 20 g	No. 51014 10 g	No. 51053 5 g	No. 51023 2 g	No. 51013 1 g	LIST PRICE
200	500 x 1 GRAM			1	1	2	1	1	2	1	2	1	8.25
201	1000 x 1 GRAM		1	1	1	2	1	1	2	1	2	1	11.50
	Indiv. weight price	7.25	3.75	2.50	1.25	.80	.50	.30	.20	.20	.20	.20	

STUDENT WEIGHT SETS

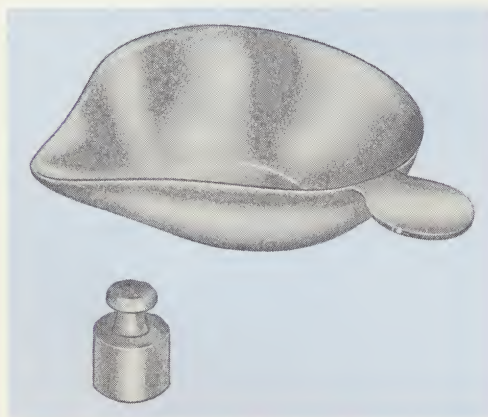
50 GRAM to 10 MILLIGRAM COMPLETE IN NEW ONE-PIECE POLYPROPYLENE BOX

This set, ideal for student use, comes in a one-piece polypropylene box with integral hinged lid. Compact and inert to most laboratory chemicals, the case has high impact strength and temperature resistance. Weights from 50 grams to 1 gram are lacquered brass and each weight has its own shrink-proof, non-scratch pocket. Fractional weights are aluminum in covered well. Forceps are stainless steel. Set measures 2 3/4" long x 1 7/8" wide x 1 3/8" deep. Replacement weights are shown on page 24.

Model No. 241
(Formerly Model No. 1241)

50 gram x 10 mg.

List price **\$3.25**



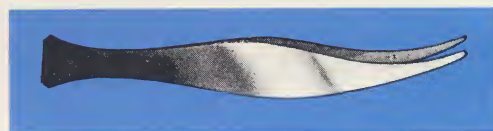
ANALYTICAL SCOOP & COUNTERWEIGHT

Precisely balanced for use in the finest analytical work. The scoop and counterweight are aluminum, thus balance remains constant, unaffected by air density changes. Consistent with the fine degree of adjustment, both the scoop and counterweight are finished to a high polish. Each set is serialized with corresponding numbers for easy identification where more than one set is being used. For convenience, the scoop is made with a long pouring spout and handle.

MODEL NO.	LIQUID CAPACITY	DEPTH	LENGTH	APPROX. WEIGHT	LIST PRICE
170	10 milliliter	7/16 in.	2 in.	4.5 g.	\$2.20
171	30 milliliter	3/4 in.	3 in.	13.0 g.	\$2.50

STAINLESS STEEL FORCEPS

MODEL	LENGTH	LIST PRICE
128	2 3/8 in.	\$.25
129	3 1/4 in.	\$.30

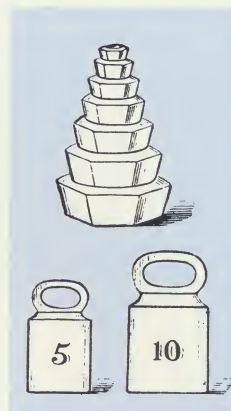


• GENERAL LABORATORY GRADE WEIGHTS

HEXAGON IRON METRIC WEIGHTS

MODEL NO.	BUR. OF STDS. CLASS	DESCRIPTION	No. 59206 20 kg *	No. 59106 10 kg *	No. 59056 5 kg *	No. 59026 2 kg *	No. 59016 1 kg *	No. 59055 500 g	No. 59025 200 g	No. 59015 100 g	No. 59054 50 g	No. 59024 20 g	No. 59014 10 g	LIST PRICE PER SET
158	T	1 kg x 10 Gram					1	1	1	2	1	2	1	6.65
159	T	2 kg x 10 Gram				1	1	1	1	2	1	2	1	9.45
161	T	5 kg x 10 Gram			1	1	2	1	1	2	1	2	1	18.30
162	T	10 kg x 10 Gram		1	1	1	2	1	1	2	1	2	1	29.05
163	T	20 kg x 10 Gram	1	1	1	1	2	1	1	2	1	2	1	47.95
		Indiv. weight price	23.55	15.40	7.35	2.90	1.70	1.40	1.00	.90	.65	.55	.45	

* Handle weights



ROUND IRON AVOIRDUPOIS WEIGHTS

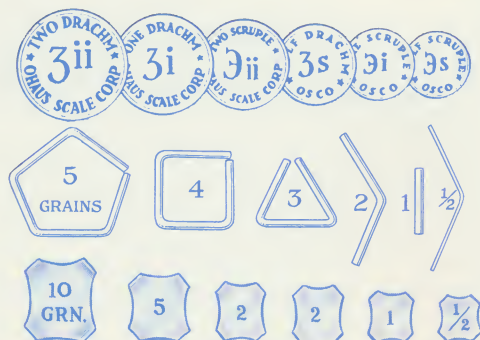
MODEL NO.	BUR. OF STDS. CLASS	DESCRIPTION	No. 57804 50 lb *	No. 57404 25 lb *	No. 57324 20 lb *	No. 57164 10 lb *	No. 58134 8 lb †	No. 57803 5 lb *	No. 58803 5 lb †	No. 58643 4 lb	No. 58483 3 lb	No. 58323 2 lb	No. 58163 1 lb	No. 58083 8 oz	No. 58043 4 oz	No. 58023 2 oz	No. 58013 1 oz	No. 58052 1/2 oz	LIST PRICE PER SET
154	T	1 lb x 1/2 oz											1	1	1	1	1	2	5.50
155	T	2 lb x 1/2 oz										1	1	1	1	1	1	2	7.05
156	T	4 lb x 1/2 oz								1		1	1	1	1	1	1	2	9.70
157	T	8 lb x 1/2 oz					1			1		1	1	1	1	1	1	2	14.70
		Indiv. weight price	23.55	19.25	16.50	7.00	5.00	3.95	3.95	2.65	2.10	1.55	1.10	1.00	.85	.70	.65	.60	

* Handle weights

† Nest style

PRESCRIPTION WEIGHTS

MODEL NO. 258—This moderately priced set enables the druggist to have a set for each balance he uses. In the new modern CLEAR-VIEW plastic case weights are well protected yet clearly visible through the transparent lid. The set contains brass knob style weights and aluminum wire grain weights. 2 dram x 1/2 grain. Price each **\$3.50**



MODEL NO. 259—Coin style weights with aluminum wire grain weights, 2 dram x 1/2 grain. Price per set\$1.65

MODEL NO. 260—Coin style weights with aluminum concave grain weights, 2 dram x 1/2 grain. Price per set\$2.15

MODEL NO. 262—Concave grain weights, 10 x 1/2 grain. Price per set ..\$1.00

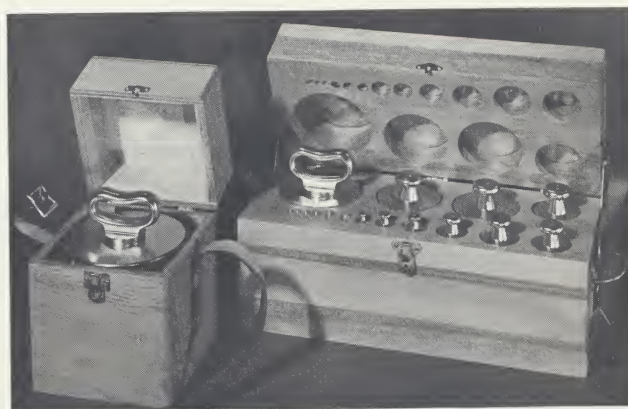
COMBINATION METRIC & APOTHECARY

MODEL NO. 256—This set has been designed to provide the druggist with a complete set of weights for all his weighing needs. The weights are nested in an attractive hinged covered velvet lined specially molded box with apothecary and metric weights as listed below. The brass weights are individually polished and lacquered and all weights are clearly marked for easy identification. Weights: 2 oz. x 1/2 oz. apothecary, 2 dram x 1/2 grain and 50 gram x 10 milligram. Price **\$14.50**



SPECIAL WEIGHTS •

On the preceding pages are listed the most popular weights and weight sets used in science, educational and industrial laboratories. Other sizes and types of weight sets and individual weights in all standards, however, can also be supplied. We will be glad to furnish information and prices on any items not listed or shown.



ACCEPTANCE TOLERANCES FOR LABORATORY WEIGHTS

Acceptance tolerances apply to new and newly adjusted weights. Maintenance tolerances are twice listed amount.

The data presented is intended for use as quick reference to Weight Tolerances set forth by the National Bureau of Standards. For complete specifications regarding construction, materials, etc., refer to Bureau of Standards Bulletin No. 547.

METRIC

Denomination	P	Q	T
20 Kg.	400 mg.	1.0 g.	3.8 g.
10 Kg.	200 mg.	500 mg.	2.2 g.
5 Kg.	100 mg.	250 mg.	1.4 g.
3 Kg.	60 mg.	150 mg.	1.0 g.
2 Kg.	40 mg.	100 mg.	750 mg.
1 Kg.	20 mg.	50 mg.	470 mg.
500 g.	10 mg.	30 mg.	300 mg.
300 g.	6.0 mg.	20 mg.	210 mg.
200 g.	4.0 mg.	15 mg.	160 mg.
100 g.	2.0 mg.	9.0 mg.	100 mg.
50 g.	1.2 mg.	5.6 mg.	62 mg.
30 g.	0.90 mg.	4.0 mg.	44 mg.
20 g.	.70 mg.	3.0 mg.	33 mg.
10 g.	.50 mg.	2.0 mg.	21 mg.
5 g.	.36 mg.	1.3 mg.	13 mg.
3 g.	.30 mg.	.95 mg.	9.4 mg.
2 g.	.26 mg.	.75 mg.	7.0 mg.
1 g.	.20 mg.	.50 mg.	4.5 mg.
500 mg.	.16 mg.	.38 mg.	3.0 mg.
300 mg.	.14 mg.	.30 mg.	2.2 mg.
200 mg.	.12 mg.	.26 mg.	1.8 mg.
100 mg.	.10 mg.	.20 mg.	1.2 mg.
50 mg.	.085 mg.	.16 mg.	0.88 mg.
30 mg.	.075 mg.	.14 mg.	.68 mg.
20 mg.	.070 mg.	.12 mg.	.56 mg.
10 mg.	.060 mg.	.10 mg.	.40 mg.
5 mg.	.055 mg.	.080 mg.	
3 mg.	.052 mg.	.070 mg.	
2 mg.	.050 mg.	.060 mg.	
1 mg.	.050 mg.	.050 mg.	

CARAT (1 C = 200 mg.)

Denom.	P	Denom.	P
2500 c	10 mg.	5 c	.20 mg.
2000 c	8.0 mg.	2 c	.15 mg.
1000 c	4.0 mg.	1 c	.12 mg.
500 c	2.0 mg.	0.5 c	.10 mg.
200 c	1.0 mg.	.2 c	.080 mg.
100 c	0.70 mg.	.1 c	.070 mg.
50 c	.50 mg.	.05 c	.060 mg.
20 c	.33 mg.	.02 c	.053 mg.
10 c	.26 mg.	.01 c	.050 mg.

TROY & APOTHECARY

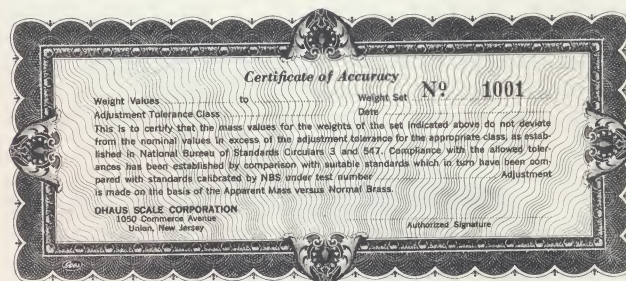
Denom.	P	Q	Denom.	P	Q
oz.	mg.	mg.	dr ap	mg.	mg.
100	62	160	6	.76	3.4
50	31	78	5	.69	3.1
30	19	47	4	.62	2.6
20	12	35	3	.54	2.2
10	6.2	21	2	.44	1.7
5	3.1	12	1	.32	1.1
3	1.9	8.4	1/2	.26	0.72
2	1.4	6.5	s ap		
1	0.90	4.2	2	.28	.87
			1	.22	.58
0.5	.62	2.6			
.3	.49	1.9			
.2	.40	1.5			
.1	.30	1.0			

AVOIRDUPOIS

Denom.	P	Q	T	Denom.	P	Q	T
lb.	mg.	g.	g.	oz.	mg.	mg.	mg.
50	450	1.1	4.1	10	5.6	19	200
25	230	570 mg.	2.4	8	4.5	16	170
20	180	450 mg.	2.0				
15	140	340 mg.	1.7	4	2.3	9.6	110
10	91	230 mg.	1.3	2	1.3	6.1	70
				1	0.86	3.9	42
8	73	180 mg.	1.1	1/2	.59	2.5	27
5	45	110 mg.	810	1/4	.43	1.6	17
4	36	91 mg.	700	1/8	.31	1.1	10
3	27	68 mg.	580	1/16	.24	0.70	6.5
2	18	46 mg.	440	1/32	.19	.48	4.2
1	9.1	27 mg.	270	1/64	.15	.36	2.8
0.5	4.5	16 mg.	170	0.5	0.59	2.5	27
.2	1.8	8.3 mg.	94	.3	.46	1.8	19
.1	1.1	5.3 mg.	59	.2	.38	1.4	14
				.1	.29	0.92	9.0
.05	0.75	3.4 mg.	37	.05	.23	.62	5.7
.02	.48	1.9 mg.	20	.03	.19	.47	4.1
.01	.34	1.2 mg.	12	.02	.17	.40	3.2
.005	.27	0.81 mg.	7.7	.01	.14	.30	2.2
.002	.19	.49 mg.	4.2				
.001	.15	.36 mg.	2.9	.005	.11	.23	1.5
				.003	.095	.19	1.1
.0005	.13	.27 mg.	2.0	.002	.087	.16	0.92
.0002	.097	.18 mg.	1.2	.001	.075	.13	.66
.0001	.083	.16 mg.	0.83				

CERTIFICATE OF ACCURACY

A factory certificate of accuracy can be supplied, at nominal additional cost. This certificate is provided for any standard or special weight set or individual weight where required.





USEFUL DATA

The development of weights and measures dates back to primitive man in prehistoric times. In the centuries which followed, countless standards of mass measurements were adopted, many of which are in use in our country today. The Ohaus Scale Corporation has compiled the following tables of weights and measures of mass, length and capacity as well as conversion factors which we believe will assist you in your work and study. It is our sincere hope that this bulletin will prove to be useful to you and will be retained for ready reference.

• CONVERSION CHART

NATIONAL BUREAU OF STANDARDS WEIGHT CLASSIFICATIONS

For complete specifications on tolerances, construction, materials, etc., refer to National Bureau of Standards Bulletin No. 547.

PRECISION LABORATORY STANDARDS

CLASS	APPLICATION
J	Microweight standards (micro-balance work).
M	High-precision scientific standards (reference, high-precision, and high-constancy work).
S	Scientific standards (reference, calibration, and precision analytical work).
S-1	Laboratory standards (routine analytical and precision nonmetric work).

LABORATORY WEIGHTS

CLASS	APPLICATION
P	Analytical and precise technical weights.
Q	General laboratory, technical, and student weights.
T	Utility weights.

COMMERCIAL STANDARDS

(Reference, working, and field standards used in law enforcement)

CLASS	APPLICATION
A	State primary standards.
B	State working standards.
C	Test weights.

TRADE WEIGHTS

(Weights used in the sale of commodities and services)
SEE CLASSES LISTED IN NBS HANDBOOK 44

CONVERSION FACTORS FOR UNITS OF MASS

Values in boldface are exact values

Units of mass less than pounds and kilograms						
Unit	Grains	Apothecaries scruples	Pennyweights	Avoirdupois drams	Apothecaries' drams	
1 grain	= 1	0.05	0.041 666 67	0.036 571 43	0.016 666 7	
1 apothecary scruple	= 20	1	0.833 333 3	0.731 428 6	0.333 333	
1 pennyweight	= 24	1.2	1	0.877 714 3	0.4	
1 avoirdupois dram	= 27.343 75	1.367 187 5	1.139 323	1	0.455 729 2	
1 apothecary dram	= 60	3	2.5	2.194 286	1	
1 avoirdupois ounce	= 437.5	21.875	18.229 17	16	7.291 67	
1 apothecary or troy ounce	= 480	24	20	17.554 28	8	
1 apothecary or troy pound	= 5 760	288	240	210.651 4	96	
1 avoirdupois pound	= 7 000	350	291.666 7	256	116.666 7	
1 milligram	= 0.015 432 356	0.000 771 618	0.000 643 014 8	0.000 564 383 3	0.000 257 205 9	
1 gram	= 15.432 356	0.771 618	0.643 014 85	0.564 383 3	0.257 205 9	
1 kilogram	= 15 432.356	771.617 8	643.014 85	564.383 32	257.205 94	

Unit	Avoirdupois ounces	Apothecaries' or troy ounces	Apothecaries' or troy pounds	Avoirdupois pounds	Grams	
1 grain	= 0.002 285 71	0.002 083 33	0.000 173 611 1	0.000 142 857 1	0.064 798 918	
1 apothecary scruple	= 0.045 714 3	0.041 666 7	0.003 472 222	0.002 857 143	1.295 978 4	
1 pennyweight	= 0.054 857 1	0.05	0.004 166 667	0.003 428 571	1.555 174 0	
1 avoirdupois dram	= 0.062 5	0.056 966 146	0.004 747 178 8	0.003 906 25	1.771 845 4	
1 apothecary dram	= 0.137 142 9	0.125	0.010 416 667	0.008 571 429	3.887 935 1	
1 avoirdupois ounce	= 1	0.911 458 3	0.075 954 861	0.062 5	28.349 527	
1 apothecary or troy ounce	= 1.097 142 9	1	0.083 333 33	0.068 571 43	31.103 481	
1 apothecary or troy pound	= 13.165 714	12	1	0.822 857 1	373.241 77	
1 avoirdupois pound	= 16	14.583 333	1.215 277 8	1	453.592 427 7	
1 milligram	= 0.000 035 273 96	0.000 032 150 74	0.000 002 679 23	0.000 002 204 62	0.001	
1 gram	= 0.035 273 96	0.032 150 74	0.002 679 23	0.002 204 62	1	
1 kilogram	= 35.273 96	32.150 742	2.679 228 5	2.204 622 341	1 000	

CONVERSION CHART •

LINEAR MEASURE

12 inches (in.)	= 1 foot (ft.)
3 feet	= 1 yard (yd.) = 36 inches
5½ yards	= 1 rod (rd), pole or perch = 16½ feet
40 rods	= 1 furlong (fur.) = 220 yards = 660 feet
8 furlongs	= 1 statute mile (mi) = 1760 yards = 5280 feet
3 miles	= 1 league = 5280 yards = 15,840 feet
10 millimeters (mm)	= 1 centimeter (cm)
10 centimeters	= 1 decimeter (dm) = 100 millimeters
10 decimeters	= 1 meter (m) = 1000 millimeters

LIQUID MEASURE

4 gills (gi)	= 1 pint (pt)
2 pints	= 1 quart (qt)
4 quarts	= 1 gallon (gal) = 8 pints = 32 gills

DRY MEASURE

2 pints (pt)	= 1 quart (qt)
8 quarts	= 1 peck (pk) = 16 pints
4 pecks	= 1 bushel (bu) = 32 quarts

AVOIRDUPOIS WEIGHT

(The "grain" is the same in avoirdupois, troy, and apothecaries weight)

27½ grains	= 1 dram (dr)
16 drams	= 1 ounce (oz) = 437½ grains
16 ounces	= 1 pound (lb) = 256 drams = 7000 grains
100 pounds	= 1 hundredweight (cwt)
20 hundred-weights	= 1 ton (tn) = 2000 pounds

TROY WEIGHT

(The "grain" is the same in avoirdupois, troy, and apothecaries weight)

24 grains	= 1 pennyweight (dwt)
20 pennyweights	= 1 ounce troy (oz. t) = 480 grains
12 ounces, troy	= 1 pound troy (lb t) = 240 pennyweights = 5760 grains

APOTHECARIES WEIGHT

(The "grain" is the same in avoirdupois, troy, and apothecaries weight)

20 grains	= 1 scruple (s ap)
3 scruples	= 1 dram apothecaries (dr ap) = 60 grains
8 drams, apothecaries	= 1 ounce apothecaries (oz ap) = 24 scruples = 480 grains
12 ounces, apothecaries	= 1 pound apothecaries (lb ap) = 96 drams apothecaries = 288 scruples = 5760 grains

METRIC WEIGHTS

10 milligrams (mg)	= 1 centigram (cg)
10 centigrams	= 1 decigram (dg) = 100 milligrams
10 decigrams	= 1 gram (g) = 1000 milligrams
10 grams	= 1 dekagram (dkg)
10 dekagrams	= 1 hectogram (hg) = 100 grams
10 hectograms	= 1 kilogram (kg) = 1000 grams
1000 kilograms	= 1 metric ton (t)

METRIC VOLUME MEASURE

10 milliliters (ml)	= 1 centiliter (cl)
10 centiliters	= 1 deciliter (dl) = 100 milliliters
10 deciliters	= 1 liter (l) = 1000 milliliters
10 liters	= 1 dekaliter (dkl)
10 dekaliters	= 1 hectoliter (hl) = 100 liters
10 hectoliters	= 1 kiloliter (kl) = 1000 liters

CONVERSION FACTORS

Temperature

Deg C = 5/9 (Deg F - 32). Deg F = 9/5 (Deg C) + 32.
 Degrees absolute (Kelvin) = Degrees centigrade + 273.16
 Degrees absolute (Rankine) = Degrees Fahrenheit + 459.69

CONVERSION RATIOS

MULTIPLY	BY	TO OBTAIN
Diam circle	3.1416	Circumference circle
Diam circle	0.8862	Side of equal square
Diam circle squared	0.7854	Area of circle
Circular mils	0.7854	Square mils
Diam sphere squared	3.1416	Area of sphere
Diam sphere cubed	0.5236	Volume of sphere
U. S. gallons	0.8327	Imperial gallons (British)
U. S. gallons	0.1337	Cubic feet
U. S. gallons	8.330	Pounds of water (20° C)
Cubic feet	62.427	Pounds of water (4° C)
Feet of water (4° C)	0.4335	Pounds per sq. inch
In. of mercury (0° C)	0.4912	Pounds per sq. inch
Seconds squared	16.08	Feet fallen from rest
Knots	1.1516	Miles per hour
TO OBTAIN ABOVE	DIVIDE BY	STARTING WITH THE ABOVE



Catalog H

Effective July 1, 1966

All Prices F.O.B. FACTORY — Terms Net 30 Days

Due to severe increase in the cost of brass, the list prices on the weights and weight sets containing brass (listed on pages 24-29) are no longer current. Please check prices listed below for up-to-date price information.

MODEL NO.	DESCRIPTION	LIST PRICE
PAGES 2-3 HARVARD TRIP BALANCES		
Metric Round Stainless Steel or Porcelain Plates		
1450	Porcelain Plate-Single Beam	25.00
1450S	Stainless Steel-Single Beam	23.50
1550	Porcelain Plate-Double Beam	28.00
1550S	Stainless Steel-Double Beam	26.50
1560S	Stainless Steel-Double Beam With Tare	30.50
Metric Removable Stainless Steel Pan		
1410	Single Beam	28.50
1510	Double Beam	31.50
Metric Stainless Steel Scoop		
1420	Single Beam	33.50
1520	Double Beam	36.50
Combination Metric and Avoirdupois Beam		
1454S	Stainless Steel Plate	27.50
Avoirdupois Round Stainless Steel Plate		
1451S	Single Beam	27.50
1561S	Double Beam With Tare	37.50
Avoirdupois Removable Stainless Steel Pan		
1411	Single Beam	32.50
Avoirdupois Stainless Steel Scoop		
1421	Single Beam	37.50
Grain Stainless Steel Plate		
1563S	Double Beam With Tare	37.50
PAGE 4 HEAVY DUTY LABORATORY BALANCES		
1600	Metric Removable Stainless Steel Pans	47.50
PAGE 5 DEC-O-GRAM BALANCES		
3600	Metric - Removable Stainless Steel Pan	47.50
3601	Avoirdupois - Removable Stainless Steel Pan	55.00
PAGES 12-13 CENT-O-GRAM BALANCES		
311	Metric - 311 g Capacity	34.00
312	Metric - 311 g Capacity with Carrying Case	54.75
313	Grain - 3110 gn Capacity	42.50
PAGES 14-15 AUTOGRAM 1000 BALANCES		
1000	Standard Model with Removable Stainless Steel Pan	325.00
1000-30	With Animal Subject Pan	349.00
PAGES 16-17 INDUSTRIAL BALANCES		
Metric - with Micrometer Poise		
1910	With 9" Stainless Steel Pans	110.00
1920	With Removable Brass Scoop and Stainless Steel Plate	115.00
1950	With 7" Stainless Steel Plates	105.00
Combination Metric and Avoirdupois		
1810	With 9" Stainless Steel Pans	99.00
1820	With Removable Brass Scoop and Stainless Steel Plate	104.00
1850	With 7" Stainless Steel Plates	94.00
1811	With 9" Stainless Steel Pans	99.00
1821	With Removable Brass Scoop and Stainless Steel Plate	104.00
1851	With 7" Stainless Steel Plates	94.00
Accessories		
131	Scoop and Counterweight	15.00
PAGE 18 EVEN ARM SOLUTION BALANCES		
1715	Metric - 1 kg Capacity	49.75
1716	Avoirdupois - 2 lb. Capacity	53.50
1717	Metric - 5 kg Capacity	129.00
1718	Avoirdupois - 10 lb. Capacity	Discontinued
Highway Scale		
130	Carrying Case for Model 1822	On Application
PAGE 19 HEAVY DUTY SOLUTION BALANCES		
1119	Metric - 20 kg Capacity	120.00
1123	Avoirdupois - 45 lb. Capacity	125.00
1122	Avoirdupois - 45 lb. Capacity	125.00
1121	Metric and Avoirdupois - 20 kg and 45 lb. Capacity	165.00
Accessories		
127A	Replacement Weight Set - Avoirdupois	17.55
127M	Replacement Weight Set - Metric	12.40
2234	Replacement Weight - 20 lb.	4.60
2235	Replacement Weight - 10 lb.	3.45
2236	Replacement Weight - 4 lb.	2.60
2237-02	Replacement Weight - 2 lb.	1.70
2238	Replacement Weight - 10 kg.	4.05
2239	Replacement Weight - 5 kg.	2.90
2240	Replacement Weight - 2 kg.	2.00
2241-02	Replacement Weight - 1 kg.	1.50

MODEL NO.	DESCRIPTION		LIST PRICE			
PAGE 24 STO-A-WEIGH SETS						
General Laboratory Grade Metric - Class C						
218	500 mg	x 1 mg	2.50			
210-10	50 g	x 10 mg	4.65			
210-01	50 g	x 1 mg	5.25			
211-10	100 g	x 10 mg	5.35			
211-01	100 g	x 1 mg	5.90			
212	500 g	x 1 g	11.25			
213	1000 g	x 1 g	17.85			
238	2000 g	x 1 g	32.75			
239	5000 g	x 1 g	70.65			
PAGE 25 AVOIRDUPOIS WEIGHT SETS						
276	1 lb.	x 1/16 oz.	13.60			
277	2 lb.	x 1/16 oz.	20.90			
278	4 lb.	x 1/16 oz.	37.90			
279	10 lb.	x 1/16 oz.	75.80			
280	0.5 lb.	x .001 lb.	20.00			
Class Q Weight Sets						
219	500 mg	x 1 mg	5.00			
214-10	50 g	x 10 mg	10.40			
214-01	50 g	x 1 mg	11.60			
215-10	100 g	x 10 mg	12.00			
215-01	100 g	x 1 mg	13.15			
221	500 g	x 1 g	18.00			
223	1000 g	x 1 g	23.85			
PAGE 26 CLASS P WEIGHT SETS						
290	500 mg	x 1 mg	7.50			
291-00	50 g	x 1 g	25.70			
291-10	50 g	x 10 mg	32.85			
291-01	50 g	x 1 mg	34.00			
292-00	100 g	x 1 g	31.80			
292-10	100 g	x 10 mg	37.20			
292-01	100 g	x 1 mg	38.35			
PAGES 24-26 INDIVIDUAL WEIGHTS - CLASSES C, Q & P METRIC						
Denomination	CLASS C		CLASS Q		CLASS P	
	Model	List	Model	List	Model	List
1 mg	51010	.20	52010	.30	53010	.50
2 mg	51020	.20	52020	.30	53020	.50
3 mg	51030	.20	52030	.30	53030	.50
5 mg	51050	.20	52050	.30	53050	.50
10 mg	51011	.20	52011	.30	53011	.50
20 mg	51021	.20	52021	.30	53021	.50
30 mg	51031	.20	52031	.30	53031	.50
50 mg	51051	.20	52051	.30	53051	1.00
100 mg	51012	.20	52012	.30	53012	1.00
200 mg	51022	.20	52022	.30	53022	1.00
300 mg	51032	.20	52032	.30	53032	1.50
500 mg	51052	.20	52052	.30	53052	1.50
1 g	51013	.24	52013	.38	53013	2.50
2 g	51023	.24	52023	.38	53023	2.50
3 g	51033	.24	52033	.38	53033	2.50
5 g	51053	.24	52053	.38	53053	2.50
10 g	51014	.30	52014	.45	53014	2.75
20 g	51024	.38	52024	.60	53024	3.00
30 g	51034	.50	52034	.75	53034	3.25
50 g	51054	.63	52054	1.00	53054	3.75
100 g	51015	1.20	52015	1.80	53015	4.50
200 g	51025	2.00	52025	3.00		
300 g	51035	3.20	52035	4.80		
500 g	51055	4.10	52055	6.15		
1000 g	51016	6.10	52016	9.15		
2000 g	51026	12.85				
3000 g	51036	24.00				
5000 g	51056	40.00				
PAGE 25 INDIVIDUAL WEIGHTS - CLASS C - AVOIRDUPOIS						
54061	1/16 oz.	Weight				.40
54121	1/8 oz.	Weight				.40
54032	1/4 oz.	Weight				.50
54052	1/2 oz.	Weight				.60
54013	1 oz.	Weight				.60
54023	2 oz.	Weight				.85
54043	4 oz.	Weight				1.15
54083	8 oz.	Weight				2.05
54163	1 lb.	Weight				3.90
54323	2 lb.	Weight				6.90
54643	4 lb.	Weight				13.50
54803	5 lb.	Weight				15.00
54164	10 lb.	Weight				36.15
54010	0.001 lb.	Weight				.60
54020	0.002 lb.	Weight				.60
54050	0.005 lb.	Weight				.60
54100	0.01 lb.	Weight				.60
54200	0.02 lb.	Weight				.60
54500	0.05 lb.	Weight				.70
54101	0.1 lb.	Weight				.70
54201	0.2 lb.	Weight				1.00
54501	0.5 lb.	Weight				2.10

MODEL NO.	DESCRIPTION	LIST PRICE
PAGE 27 HOOK WEIGHT SET		
46206	1000 g x 10 g	16.40
Individual Hook Weights		
40010	10 g	.60
40020	20 g	.70
40050	50 g	.90
40100	100 g	1.20
40200	200 g	1.75
40500	500 g	3.20
41000	1000 g	6.95
Brass Slotted Weight Set - Metric		
43503	500 x 10 g	12.00
43504	500 x 10 g	12.50
43505	500 x 1 g	16.80
Individual Slotted Weights - Metric		
43000	Weight Rack	2.35
43001	1 g	.75
43002	2 g	.75
43005	5 g	.75
43010	10 g	.75
43020	20 g	.80
43050	50 g	.90
43100	100 g	1.05
43200	200 g	1.80
43500	500 g	3.90
Brass Slotted Weight Set - Avoirdupois		
44500	1 lb. x 1 oz.	18.25
Individual Slotted Weights - Avoirdupois		
44001	1 oz.	1.25
44002	2 oz.	1.50
44004	4 oz.	1.85
44008	8 oz.	2.25
44016	1 lb.	3.70
43000	Weight Rack	2.35
Weight Hangers		
46207	50 grams	1.00
46208	1000 grams	4.00
46209	4 oz.	2.50
Iron Slotted Weights		
45005	1/2 kg	3.20
45010	1 kg	3.40
45020	2 kg	6.10
45050	5 kg	10.00
PAGE 28 OPEN BLOCK WEIGHT SETS		
200	500 x 1 g	9.10
201	1000 x 1 g	14.65
For individual weight prices see tabulation under Pages 24-26		
Student Weight Set		
241	50 g x 10 mg	3.25
For individual weight prices see tabulation under Pages 24-26		

MODEL NO.	DESCRIPTION	LIST PRICE
Analytical Scoop & Counterweight		
170	10 milliliter	2.20
171	30 milliliter	2.50
Stainless Steel Forceps		
128	2-3/8" Long	.25
129	3-1/4" Long	.30
PAGE 29 HEXAGON IRON METRIC WEIGHT SETS		
158	1 kg x 10 g	9.35
159	2 kg x 10 g	10.15
161	5 kg x 10 g	19.65
162	10 kg x 10 g	Discontinued
163	20 kg x 10 g	Discontinued
Individual Hexagon Iron Metric Weights		
59014	10 g Hexagon Weight	.50
59024	20 g Hexagon Weight	.65
59054	50 g Hexagon Weight	.75
59015	100 g Hexagon Weight	1.10
59025	200 g Hexagon Weight	1.30
59055	500 g Hexagon Weight	1.65
59016	1 kg Hexagon Weight	2.00
59026	2 kg Hexagon Weight	3.35
59056	5 kg Handle Style Weight	8.50
59106	10 kg Handle Style Weight	Discontinued
59206	20 kg Handle Style Weight	Discontinued
Round Iron Avoirdupois Weight Sets		
154	1 lb. x 1/2 oz.	5.95
155	2 lb. x 1/2 oz.	7.60
156	4 lb. x 1/2 oz.	10.50
157	8 lb. x 1/2 oz.	18.00
PAGE 29 INDIVIDUAL ROUND IRON AVORDUPOIS WEIGHTS		
58052	1/2 oz. Round Weight	.65
58013	1 oz. Round Weight	.75
58023	2 oz. Round Weight	.85
58043	4 oz. Round Weight	1.00
58083	8 oz. Round Weight	1.15
58163	1 lb. Round Weight	1.25
58323	2 lb. Round Weight	1.80
58483	3 lb. Round Weight	2.40
58643	4 lb. Round Weight	3.05
58803	5 lb. Round Weight	4.50
57803	5 lb. Handle Style Weight	4.50
58134	8 lb. Round Weight	5.75
57164	10 lb. Handle Style Weight	8.05
57324	20 lb. Handle Style Weight	Discontinued
57404	25 lb. Handle Style Weight	Discontinued
57804	50 lb. Handle Style Weight	Discontinued
Prescription Weights		
258	2 dram x 1/2 grain	3.50
259	2 dram x 1/2 grain	1.80
260	2 dram x 1/2 grain	2.80
262	10 x 1/2 grain	1.55
256	Combination Metric & Apothecary	14.50